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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison — *Member Audit Bureau of Circulations*

THE CHEMICAL MARKET AUTHORITY SINCE 1871

Volume 139
Number 19

Schnell Publishing Company, Inc., Publisher

May 12, 1941

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Ideas for your Notebook.. FROM CARBIDE AND CARBON CHEMICALS CORPORATION

Prevailing Low Price Promotes the Increasing Use of Ethanolamines

BEST known to industry because of the emulsifying power of their soaps, the ethanolamines are now available at prices which permit their wider use as chemical intermediates and hygroscopic agents. More than ever, they become interesting for the production of amides, substituted amines, and other compounds that assist in penetrating, impregnating, or scouring operations. Also, they can now be employed as economical softening agents and humectants, especially for applications where their mild alkalinity and pronounced hygroscopicity are desirable. For further information, send for literature and data sheets on these low-cost ethanolamines.

Efficient acid gas absorption obtained with Ethanolamines — Removal of acid gases from gas mixtures is effectively and economically accomplished with the ethanolamines. The concentration of CO_2, the removal of H_2S from hydrocarbon gases, the purification of gas-engine fuel, and the production of inert atmospheres are some of the many uses now being practiced.

Flexible paper coatings are produced by Ethanolamine emulsions — Used in casein and shellac dispersions or in paraffin and carnauba wax emulsions, the ethanolamines not only produce a uniform coating for paper but also give the resulting films excellent adhesion, stability, and flexibility. The ethanolamines are likewise of value with such products as latex, gums, starches, and synthetic resins in impregnating and sizing paper.

Excellent acetate rayon dyestuffs now made from Phenylethanolamines — By coupling the phenylethanolamines with various diazo compounds, useful acetate rayon dyes are obtained. These azo dyes are readily applied to the goods and reduce crocking to a minimum.

Insecticide spray oils are emulsified with Ethanolamines—Ethanolamine soaps effectively emulsify spray oils (especially those containing lead arsenate) which are applied to fruit and other vegetation in pest control. Due to their unusually low alkalinity, foliage damage is considerably less than when caustic alkalies are used.

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For information concerning the uses of the ethanolamines, address:

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Oil, Paint and Drug Reporter

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Priorities Director Proposed by House

OPD Washington Bureau
May 8, 1941

Defense handling of priorities would be taken out of the Office of Production Management and placed in the hands of a paid director appointed by the President with the approval of the senate, according to the provisions of a measure unanimously passed by the house today. Action by the director would require advance approval by the Joint Army and Navy Munitions Board.

The house action was taken in the adoption of an amendment offered by Representative Cox, of Georgia, to a bill presented by the chairman of the naval affairs committee, Representative Vinson, of Georgia, and designed to clarify and validate the defense priorities program. The Cox amendment provides:—

The President may exercise any power, authority, or discretion conferred on him by this section, through a director

—Continued on page 58

Martin to Handle Metal Inventory Rules

OPD Washington Bureau
May 8, 1941

E. R. Stettinius, jr., Director of Priorities, announced today that Laurence J. Martin has been added to the executive staff to take over the job of handling the new metal inventory regulations announced May 1. Mr. Martin is on leave from his post as assistant to the president of Thomas A. Edison, Inc., Orange, N. J. Inquiries relating to the inventory regulations should be addressed to Mr. Martin at room 3349, New Social Security building, Washington.

When the new inventory regulations were announced, it was pointed out that if the present mild controls were not successful, other steps would have to be taken to make sure that the metals affected were made available for defense needs before all other needs. Mr. Martin and Mr. Stettinius have issued a joint statement asking American businessmen to give their "fullest cooperation" in working out the problems arising in connection with inventory control. Their statement said:—

The form of inventory regulation now imposed on sixteen metals and classes

—Continued on page 53

Export Control Applied To Transshipments

OPD Washington Bureau
May 8, 1941

Under an executive order issued by the President and effective immediately, export licenses are required for the exportation of articles in transit through the United States between other countries if those articles are of a type for which export licenses are required when exported directly from this country.

The Administrator of Export Control has issued schedule No. 6, which adds theophyllin to the forms of caffeine under export control.

Theobromine and its salts, according to the official handout, are not included in the caffeine category but are placed with bromine (sic).

For purposes of statistical classification caffeine and its salts and theophyllin and its salts are given schedule B number 8135* and schedule E number 8180*.

The Department of State has issued general licenses for the export of certain additional articles to Canada and

—Continued on page 47

Priorities Critical List Is Broadened

OPD Washington Bureau
May 7, 1941

A number of new commodities were added to the priorities critical list today which means that the Army and Navy Munitions Board may issue mandatory priority orders to acquire them directly or for defense contractors ahead of any other non-defense orders.

The new items include: Acetone, antimony, cadmium, chromium, cobalt, copper, cresols, cresylic acid, ferrous alloys of all types, fibre, formaldehyde, 'halowax' solution, iridium, lead, manganese, mercury, methanol, molybdenum, naphthaline, nonferrous alloys of all types, phythalic anhydride and potash permanganate.

Credit Ass'n to Discuss Latin American Trade

The difficulties and problems facing American exporters and export credit executives will hold the attention of members of the National Association of Credit Men at the forty-sixth annual Credit Congress which opened today at New Orleans. A major part of its sessions tomorrow will be devoted to those problems, with particular reference to Latin American trade. The highlight of the sessions will be an address on "Latin American Tangibles and Intangibles" by C. V. Whitney, chairman of the board of Pan American Airways and president of the American Arbitration Association.

Alcohol Tax Differential Asked at House Hearing

OPD Washington Bureau
May 7, 1941

Removal of nonbeverage alcohol from the list of commodities slated for increased taxes and establishment of a separate category alcohol used for medicinal and extract purposes was urged before the house ways and means committee this week by Rep. Estes Kefauver of Tennessee. Describing the present tax of $3 per proof-gallon as "outrageous," Mr. Kefauver asked the committee to reduce this tax to $2 per proof-gallon, predicting that such a cut would greatly increase the use of alcohol and result in increased revenues to the Federal government.

Mr. Kefauver, who has introduced a bill which would reduce excises on nonbeverage alcohol which is now pending before the committee, was supported in his stand by Dr. Charles E. Caspari, St. Louis, member of the revision committee of the United States Pharmacopoeia; Dr. E. F. Kelley, Washington, representing the American Pharmaceutical Association; Dr. H. Everret Kendig, Philadelphia, American Association of Colleges of Pharmacy; A. K. Barta, Washington, the Proprietary Association of America; John H. Beach, New York, National Flavoring Extract Manufacturers Association; and Rowland Jones, jr., Washington, National Association of Retail Druggists.

In the belief that they may be helpful to the committee in the consideration of a reduced tax on ethyl alcohol when such alcohol is used exclusively in the manufacture of medicinal preparations, flavoring extracts, flavors and for other nonbeverage purposes, Rep. Gearhart said that he was offering for the record copies of letters written to Rep. Kefauver on the subject by Capt. James P. McGovern of McGovern & McCarthy, attorneys, Washington, as they were recently published in the OIL, PAINT AND DRUG REPORTER, a weekly publication having nationwide distribution. Rep. Gearhart added for the record:—

—Continued on page 70.

Lecithin Marketing Plan Hit by F.T.C.

Five corporations occupying a dominant position in the production and importation of lecithin, a natural organic substance used in the manufacture of food, candy, rubber, leather and petroleum products, and certain of their officers, have been ordered by the Federal Trade Commission to cease and desist from practices held to be in restraint of trade. The respondent companies are:—American Lecithin Company, Elmhurst, Long Island, N. Y.; Ross & Rowe, Inc., New York; the Glidden Company, Cleveland; Archer-Daniels-Midland Company, Minneapolis, and the American Lecithin Corporation, Atlanta.

The commission dismissed its complaint as to Hansa-Muehle, Hamburg, Germany, and Aarhus Oliefabrik, Aarhus, Denmark, lecithin producers, who, due to difficulties arising from the war, were recently relieved by

—Continued on page 58

Effective Association Functioning Essential to Private Enterprise

By John M. F. Donovan, Jr.
Trade Association Counselor

IX. Recent Consent Decrees Offer Unique Trade Practice Guides to Industry

(Continued from May 5 issue)

The entry of a consent decree by the court is a purely ministerial act. While the court has no power to alter the terms of an offer to consent to a decree, the sanction of the court is essential to the validity of a decree. The approval of the court is necessary because its sanction may be refused for equitable reasons. For example, it will be refused where only part of several parties involved in a controversy have consented, thereby preventing injury to such other parties. Since a consent decree binds only the parties to its provisions, it cannot be invalidated as between the consenting parties after consideration and approval by the court by the fact that other persons should have been made parties thereto.

Construction and Enforcement

A consent decree should recite or show upon its face that it was entered by consent, especially where it is not supported by any statement of facts established by proof. The decree must, of course, conform to the agreement made between the parties, which the court has no power to alter or modify.

While a consent decree partakes of the nature of both a contract and a decree, it is rather in the nature of contract entered into with the solemn sanction of the court. As a contract it binds all the parties to the consent, but no one else. The general rules controlling the construction of contracts and decrees apply to consent decrees. Where a bill is brought to enforce a consent decree, however, the court may look into the merits of the case with a view of determining whether, equitably, the decree should be enforced, because consent decrees are considered largely as contracts, as distinguished from judicial determinations.

The court may make any directions it deems necessary to carry a consent decree into effect according to its spirit and effect. In order to enforce a consent decree the court has the power to construe it, but this power will not be exercised unnecessarily. The decree cannot be amended or modified under the guise of construction. When a party returns to a court of equity to obtain its aid in executing a consent decree, the court is at liberty to inquire whether the decree was or was not erroneous, and if it is of the opinion that it was erroneous, it may refuse to execute it. When a consent decree is the result of the consent of the parties, and not

—Continued on page 30.

Weights and Measures Conference June 3-6

OPD Washington Bureau
May 6, 1941

The national conference on weights and measures will be held in the Mayflower hotel, June 3-6. The conference has on its program such subjects as:—The part of the weights and measures officer in the defense program; directing the personnel of a weights and measures department; activities of the National Scale Men's Association; testing apparatus used to measure liquefied petroleum gases; development of single service containers; and the manufacture of precision glassware. Committee reports will cover specifications and tolerances, weights and measures legislation, and methods of sale of such commodities as bronze paints, linseed oil, and turpentine.

Bishop Special Assistant To OPACS Chief

OPD Washington Bureau
May 6, 1941

Charles A. Bishop has been named special assistant to the Administrator, Office of Price Administration and Civilian Supply, by Leon Henderson, Administrator. Mr. Bishop will be assigned to major problems which are expected to arise from time to time in the Office of Price Administration and Civilian Supply. For the time being he will continue to work in the Price Division.

Mr. Bishop became associated with the defense program on June 15, 1940, when he joined the Price Stabilization Division of the National Defense Advisory Commission. Before going with the Defense Commission Mr. Bishop was for three years connected with the Pennsylvania Economy League.

Closing Markets

Tallow Strong

Tallow was strong on Friday. Bids were advanced ¼c. to 7¾c. per pound for extra without bringing out offerings. Sellers were asking 8c. and in some cases a still higher figure.

Cottonseed Oil Higher

Refined cottonseed oil futures were active on Friday with the price trend upward. Commission houses, trade interests and local operators were buyers. Profit taking sales were readily absorbed. Crude cottonseed oil was scarce and strong. Soybeans were lighter.

Tetrachloride of Tin Higher

One producer advances anhydrous tetrachloride of tin to the basis of 30c. per pound late in the week, while others were quoting 27¾c. The higher price could be attributed to the higher production costs. Straits Metal held at 52¼c. per pound.

Corn Derivatives Firm

Demand was steady and prices held firm for various corn derivatives. April corn grind totaled 8,094,531 bushels, against 7,799,561 bushels in March, and 5,941,220 bushels in April, 1940, according to the Corn Research Foundation.

Bids Wanted

Acetone:—12,500 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5113, opening May 23.

Acid, Mixed:—5,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2258, opening May 16.

Alcohol:—1,687,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6846, opening May 13.

Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6729, opening May 22.

Aluminum Pigment:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6727, opening May 22.

Ammonia Chloride:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6742, opening May 22.

Nitrate:—15,355 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2215, opening May 12.

Bone-Black:—6,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Brown, Metallic:—350,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Calcium Carbide:—1,168,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6694, opening May 15.

Chloride; Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6730, opening May 23.

Phosphide:—3,050 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6700, opening May 15.

Chemicals, Industrial:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6754, opening May 22.

Chrome Green:—100,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Yellow:—100,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Cresol Solution:—25,000 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6737, opening May 22.

Cuprious-Oxide:—500,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6812, opening May 20.

Enamel:—1,500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2240, opening May 14.

Glue:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6741, opening May 22.

Gum, Ester:—300,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6697, opening May 22.

Kerosene:—228,000 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 3562, opening May 20.

Lacquer Thinner:—1,500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 2258, opening May 16.

Lampblack:—50,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Lard Oil:—1,000 gallons; Commanding Officer, Frankford Arsenal, Pa.; invitation 1844, opening May 16.

Lead, Red:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington, schedule 6697, opening May 22.

White:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6697, opening May 22.

Linseed Oil:—620,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6703, opening May 13.

Litharge: 52,400 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Lubricating Oils:—Supplies of: Bureau of Supplies and Accounts Navy Department, Washington; schedule 6371, opening May 15.

Magnesite Compound:—2,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6748, opening May 22.

—*Continued on page 54*

Chemical Price Views Upturned

Prices were advanced on Straits tin, tetrachloride of tin, barium hydrate, acetone, normal butyl acetate and alcohol, diacetone alcohol, ethyl acetate, ethylene dichloride, isopropyl acetate, methanol, synthetic methylacetone, methylisobutyl ketone, gum rosin, gum turpentine, Singapore gambier, castor beans, dehydrated castor oil, blackstrap molasses, domestic and Argentine casein, cocoa butter, menhaden scrap, and imported bones.

Prices were reduced on technical strontium chloride, dried blood at Chicago, and cottonseed meal in the Southeast.

The REPORTER'S composite index number of prices of heavy and fine chemicals advanced to 132.1 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 93.5, compared with 91.2 at this time last year and 88.8 in 1939.

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A.P.I. to Meet In Tulsa May 19

Gov. Leon C. Phillips, of Oklahoma, and Gov. Payne Ratner, of Kansas, will be guests of honor and speakers at the eleventh mid-year meeting of the American Petroleum Institute in the Mayo hotel at Tulsa, Okla., May 19-22. The oil-State governors will address the luncheon and general session to be held Wednesday noon, May 21.

Monday and Tuesday will be given over entirely to meetings of institute committees. Group sessions will begin Wednesday, with the division of production considering drilling practice, including pressure core analysis and mud-circulating systems; and the division of refining discussing fuel economy in refining, at morning meetings. In the afternoon the division of refining will consider methods of preventing the corrosion of refinery equipment, while the division of production's central committee on drilling and production practice will hold

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Columbia Univ. Presented With Portrait of Bogert

A portrait by Irving Wiles of Dr. Marston Taylor Bogert, professor emeritus of organic chemistry in residence at Columbia University and one of America's outstanding scientists,

Bogert Portrait

was presented to the university by Ph. D. graduates of Dr. Bogert at a dinner at the Chemists' Club, this city, May 2. Dr. Bogert was guest of honor.

Frederic R. Coudert, university trustee, accepted the painting on behalf of Columbia, where Dr. Bogert has been a member of the teaching staff for forty-seven years. Dr. Michael Heidelberger of the Columbia School of Medicine made the presentation. Dr. George D. Beal of the Mellon Institute of Industrial Research, Pittsburgh, was toastmaster. Associates of Dr. Bogert in national and international scientific activities spoke briefly.

Cottonseed Ass'n to Meet In New Orleans May 19

The forty-fifth annual convention of the National Cottonseed Products Association will be held in New Orleans, La., May 19-21. Among the speakers are:—

Chester Davis, president of Federal Reserve Bank, St. Louis, on "Agriculture in National Defense"; Kenneth Collins, assistant to the general manager of the New York Times, New York, on the "Cottonseed Industry and the Public"; Dr. Gus W. Dyer, professor of economics, Vanderbilt University, Nashville, on "Government and Business"; G. S. Meloy, senior marketing specialist, U. S. Department of Agriculture, Washington, on "The Utilization of Capacity and the Production and Distribution of Products by the Cottonseed Crushing Industry," and John Leahy, project director, Engineering Experiment Station, University of Tennessee, Knoxville, on "The Potential Importance of Cottonseed in Our Cotton Economy."

On the entertainment side will be a golf tournament at the New Orleans Country Club and a baseball game. The annual banquet and dance will be held Tuesday.

Cottonseed Oil Deals Curb Ordered by CEA

OPD Washington Bureau
May 7, 1941

The Department of Agriculture announced today that it is prepared to take prompt action if necessary to prevent excessive speculation in the commodity futures markets under its supervision.

In telegrams to the New York Produce Exchange and the New Orleans Cotton Exchange, J. M. Mehl, chief of the Commodity Exchange Administration, referred specifically to current indications of excessive speculation in cottonseed oil futures. He asked the exchanges, in the public interest, to take prompt remedial action in the way of higher margin requirements and other effective measures toward market control.

While the commodity exchange act does not provide authority for the fixing of margin rates, other provisions of the act could and would be invoked if necessary, Mr. Mehl said. He also stated that although today's telegrams to the exchanges referred only to cottonseed oil, close attention is being given to certain other agricultural commodities in which futures trading

—Continued on page 53

Cottonseed Grading Bill Is Passed by House

OPD Washington Bureau
May 6, 1941

Establishment of standard methods of sampling and grading of cottonseed and the licensing of qualified persons to sample, analyze, and grade cottonseed under the supervision of the Department of Agriculture is provided for under a bill (H.R. 571) passed by the house today.

The house agriculture committee, in reporting the measure to the house, pointed out that there is a wide variation in the composition of cottonseed, both as to the quality of the oil and protein elaborated under different conditions of plant growth and as to quality of available products as influenced by different seasonable conditions of the harvest.

The bill is designed to offer inducement for special care and extra quality in the production of the seed, placing the entire marketing system on the basis of grades in place of the present method of marketing where a single price is based on anticipated average quality of seed is offered in the various sections of production.

Paint Freight Rates To South Revision Asked

F. H. Law, vice-president of the Illinois Central System, has filed independent notice with R. A. Sperry, publishing agent, to establish class 40 rates on paints, varnishes, lacquers and other finishes, minimum weight 20,000 pounds, between points in the South served by the Illinois Central and connections, and points on their line in Illinois and Indiana; and announced willingness to join connections to the extent they desire to participate.

The current basis for freight rates on paints to Southern markets is 50 percent of first class, 45 percent when in quantities of 10,000 pounds; and when published and filed as required by law, the new schedule will represent a further reduction of 20 percent on volume movements, according to E. A. Leveille, chairman of the traffic committee of the National Paint, Varnish and Lacquer Association. In commenting on this development, Mr. Leveille said:

In addition to this 20 percent reduction on quantities of at least 20,000 pounds, class 32 rates will be authorized for weights in excess of the 20,000 pound minimum. On a load of 30,000 pounds, for example, 20,000 pounds will be charged at class 40 rates and 10,000 pounds at class 32. Currently the carload minimum is 36,000 pounds, class 40, and reducing the minimum to only 20,000 pounds will, it is hoped by the management of the Illinois Central, promote sales volume, encourage distribution in larger units, and result in more economical utilization of railroad equipment.

—Continued on page 52

German I. G. Funds Here Attached by U. S.

The United States government last week attached funds in this country of I. G. Farbenindustrie, commonly known as the German dye trust, for its failure to respond to an indictment charging that it, together with five American corporations and seven individuals formed an "international magnesium combine," which allegedly created a defense bottleneck. Trial of the other defendents has been set for May 19 in the Federal court in this city. They pleaded not guilty to the indictments on February 6.

Attorney General Jackson said that the funds were attached when it was learned that payments to the German firm under licenses issued to American Corporations, totaling about $250,000, were to be made May 9 and deposited in the National City Bank of New York. He said he was certain that the attachment would result in appearance of counsel for Farbenindustrie.

The American companies which will go on trial are:—The Aluminum Company of America, Pittsburgh; the Dow Chemical Company, Midland, Mich.; the American Magnesium Corporation, Cleveland; the Magnesium Development Company, Newark, N. J., and the General Aniline & Film Corporation, this city.

When the indictments were returned the Department of Justice predicted that the firms named would seek settlement under a consent decree. The defendents, however, have indicated they will fight the charges vigorously.

Slab Zinc Supplies Held Ample for Defense Needs

Pittsburgh, May 9, 1941

After defense needs for slab zinc are met there will remain available for non-defense use an amount of zinc representing 75 to 80 percent of former normal requirements for all purposes, Ernest V. Gent, secretary of the American Zinc Institute, said last week at a dinner of the Galvanizers Committee sponsored by the institute.

More than seventy representatives from seventeen American and Canadian sheet producers attended the ninth annual meeting of the Galvanizers Committee. Following a talk on "Corronizing," given by Dr. Richard Rimbach, of the Standard Steel Spring Company, at the opening session, the group went to the Vandergrift plant of the Carnegie-Illinois Steel Corporation to inspect the galvanizing department.

The forenoon of the final day of the meeting was devoted to a discussion of the general subject of cold reduced strip for galvanizing and the effect of a number of operating variables. The leading paper was a report by W. L. Diehl, of the Wheeling Steel Corporation, on a survey of galvanizing practices in the production of sheet roofing. W. R. Shrimer, of Bethlehem Steel Company, led the discussion in the afternoon with a report of a study of "Galvanized Sheet Specifications and Tests."

Tin Coating of Cans To Be Reduced 10%

OPD Washington Bureau
May 7, 1941

The Office of Production Management called upon can manufacturers today to make a 10 percent reduction in the tin coating of most cans in order to speed up the accumulation of tin reserves "necessary for the national defense." W. L. Batt, deputy director of the Production Division of the Office of Production Management, requested the reduction and other conservation measures in letters addressed to members of the can manufacturing industry and to the makers of tinplate. He said it was expected that savings approximating 17 percent of the tin consumed by the container industry would result.

New Delaware Fair Trade Act

By the passage and approval of house bill No. 257, effective immediately, Delaware becomes the forty-fifth State to enact a resale price maintenance law. The provisions of this act are similar to comparable statutes in other States.

Wage Law Penalty Is Personal in N.Y.

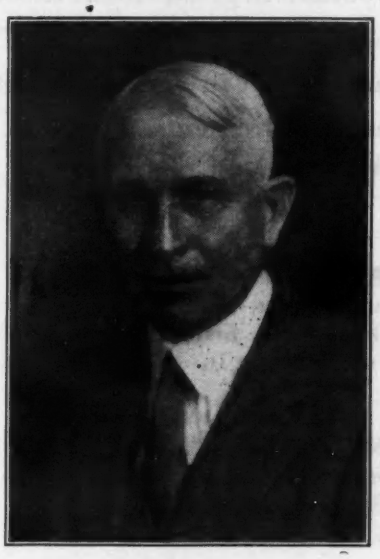
Albany, May 6, 1941

The Stephens bill, amending section 1272 of the penal law to make it a misdemeanor for an officer of a corporation knowingly to permit the corporation to fail to pay wages of its employees as required by the labor law, has been approved by Governor Lehman as chapter 809 of the laws of 1941.

This bill was sponsored by organized labor. It has been in the legislature several years. Originally it was directed particularly toward theatrical and amusement interests. This is another example of what will happen to a measure if introduced often enough: it finally fell into the hands of an influential member of the majority party and was passed.

Landis President Of Chemists' Club

Walter S. Landis, vice-president of the American Cyanamid Company, was elected president of the Chemists' Club at its annual meeting, May 7. F. M. Becket, of the Union Carbide



Walter S. Landis

Company, retired after two terms as president of the club. Other officers elected were:—

Vice-president, resident (re-elected), Ralph E. Dorland, of the Dow Chemical Company; suburban vice-president, Per K. Frolich, of the Standard Oil Devel-

—Continued on page 30.

R.H. Muller Chairman Of N.Y. Section of A.C.S.

Dr. Ralph H. Muller, professor of chemistry at New York University, has been elected chairman of the New York Section of the American Chemical Society. Dr. Muller succeeds Dr. Robert Calvert, consulting chemist and chemical patent attorney. Dr. Charles N. Frey of the Fleischmann Laboratory of Standard Brands, Inc., was named chairman-elect. William W. Winship and Dr. Cornelia T. Snell were reelected treasurer and secretary respectively.

Dr. Muller was born in Philadelphia on January 25, 1900, and was educated in the Philadelphia public schools. He was graduated from the University of Pennsylvania in 1922 with the degree of bachelor of science in chemistry. He received the master of science and Ph.D. degree from Columbia University in 1923 and 1925, respectively.

He held an assistantship in chemistry at Columbia from 1923 to 1925, and in 1924 was also appointed assistant at Washington Square College, New York University. He became instructor at the college in 1925, assistant professor in 1928, associate professor in 1929, and full professor in 1940.

Tag Manufacturers Cited by F.T.C.

The Federal Trade Commission issued a complaint charging the Tag Manufacturers Institute, New York, Frank H. Baxter, its secretary-treasurer and executive director, and thirty-one member companies, with practices in restraint of trade and in violation of the Federal trade commission act in the sale of tags, pin tickets and similar marking and pricing devices. According to the complaint, the respondents are a majority of the country's manufacturers of such tag products.

The complaint alleges that the respondents, acting directly, through their representatives, and in cooperation with each other and with the respondent institute and the respondent Baxter, entered into an agreement, combination and conspiracy to restrict and eliminate price competition in the sale of tag products by fixing and maintaining uniform prices, terms and conditions of sale for their products; by holding meetings under the auspices of the institute to devise methods for such price maintenance, and by a "tag industry agreement," which provided:

That each subscribing respondent member send to the respondent Baxter a complete statement of every "general offer" to sell tag products, including available prices, terms and sale conditions, and of every "restricted offer," including prices, terms and sale conditions

—Continued on page 54

Chemical Engineers To Meet May 19-21

The seventy-third semi-annual meeting of the American Institute of Chemical Engineers will be held in the Edgewater Beach hotel, Chicago, May 19-21. The technical portion of the program follows:—

Monday, May 19

"Filtration of Granular Materials," A. J. Barnebl, Swenson Evaporator Company, Harvey, Ill.

"Ion Exchanges," F. K. Lindsay, National Aluminate Corporation, Chicago, Ill.

"The Effect of Column Holdup on Batch Distillation," A. P. Coburn, of the University of Delaware.

"Design of Fractionating Columns for Multicomponent Mixtures," R. L. Smith of the Universal Oil Products Company, Chicago.

"Characteristics and Performance of a Nine-Inch Liquid Extraction Column," S. P. Row, Southwestern Lousiana Institute and others.

"Recovery of Acetone and Ethanol by Solvent Extraction," D. F. Othmer and E. Trueger, of Polytechnic Institute of Brooklyn.

Tuesday, May 20

"Magnesium in the National Defense," L. B. Grant, Dow Chemical Company, Midland, Mich.

—Continued on page 30.

S.O.C.M.A. Outing Set for June 5-6

The nineteenth annual Spring outing of the Synthetic Organic Manufacturers Association will be held at Skytop Lodge, Skytop, Pa., June 5 and 6. The Synthetic Organic Manufacturers Association will this year be host at the annual get-together dinner with the Manufacturing Chemists Association, scheduled for June 5, with Senor Francisco Juarez, Buenos Aires, Argentina, who is visiting the United States on a good-will tour, listed as the guest speaker.

The nineteenth annual Spring outing of the Synthetic Organic Chemical Manufacturers Association will be held at Skytop Lodge, Skytop, Pa., June 5 and 6.

The Synthetic Organic Chemical Manufacturers Association will run off its annual golf tournament for all members and friends of both associations June 6. C. A. Mace, secretary of the Synthetic Organic Chemical Manufacturers Association, informs that, in view of the large attendance expected and the fact that accommodations at Skytop Lodge are limited, it is suggested that those members desiring to bring ladies, please make reservations for them at Buck Hill Falls Inn, four miles distance, or Pocono Manor, about sixteen miles away.

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Current Market Quotations

May 9, 1941

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

RECEIVED MAY 12 1941 LIBRARY THE BREWSTER BUR...

A

Acacia (see Gum, arabic).
Acetal, cbys., works....lb. 1.00 - 1.50
Acetaldehyde, 99%, dms., 55 and 110 gls., works..lb. .11 - —
5 and 10 gls., works....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works....lb. .38 - —
100-lb. lots, works....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works....lb. .30 - —
100-lb. lots, works....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., cryst., bbls.lb. .29 - .31
powd., bbls....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots....lb. .33 - —
dms., 25-lb. lots....lb. .38 - —
kgs., 2,000-lb. lots....lb. .33 - —
smaller lots....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots....lb. .31 - —
dms., 25-lb. lots....lb. .36 - —
kgs, 2,000-lb lots....lb. .31 - —
smaller lots....lb. .32 - —
Acetoacetanilide, dms....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .07½- .08½
l.c.l., dlvd....lb. .08 - .09
tanks, dlvd....lb. .06 - .07
Methyl (see M)
Acetonitrile, dms., works....lb. 1.00 - 2.00
Acetophenone, cns., 25 to 50 lbs., lb. 1.40 - 1.45
dms., 100 lbs....lb. 1.35 - 1.37
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs., dms....lb. 1.08 - —
25 lbs., dms....lb. 1.10 - —
Acid, abietic, dms., c.l., f.o.b. all points in U.S. E. of and including Kans., Neb., N.D., Okla., S.D., Tex. E. of Austin and Brownsville..lb. .08¾- —
l.c.l., same terms....lb. .09 - .12
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys., cs....100 lbs. 2.73 - 2.98
56%, bbls....100 lbs. 4.15 - 4.40
cbys., cs....100 lbs. 4.65 - 4.90
70%, bbls....100 lbs. 5.17 - 5.42
cbys., cs....100 lbs. 5.67 - 5.92
80%, bbls....100 lbs. 5.89 - 6.14
cbys., cs....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5%, bbls....100 lbs. 7.62 - 7.87
l.c.l., same terms....lb. .09 - —
cbys. ....100 lbs. 8.12 - 8.37
tanks ....100 lbs. 5.00 - 5.50
USP, bbls....100 lbs.10.25 -10.50
cbys. ....100 lbs.10.75 -11.00
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
tanks ....100 lbs. 5.50 - —
USP XI, al. dms...100 lbs.10.25 -11.00
CP, dms....100 lbs.13.50 -14.00
pure, 30%, bbls....100 lbs. 3.28 - 3.53
cbys., cs....100 lbs. 3.78 - 4.03
36%, bbls....100 lbs. 3.66 - 3.91
cbys., cs....100 lbs. 4.16 - 4.41
60%, bbls....100 lbs. 6.15 - 6.40
cbys., cs....100 lbs. 6.65 - 6.90
80%, bbls....100 lbs. 7.68 - 7.93
cbys., cs....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlvd. at destination in the following States:—Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna. and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11½
l.c.l., dms., frt. alld....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls.lb. .45 - —
standard, USP, fine crys., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls. lb. .40 - —
Adipic, fib. dms., works....lb. .31 - —
Anthranilic, refd., bbls....lb. 1.15 - 1.20
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22
Ascorbic, bots., dms....oz. 1.85 - 2.10
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - .59
dms., 4,000 lbs. or more...lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
99 lbs. or less....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld..ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex-whse...ton.108.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse..ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse..ton.123.00 - —
less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Broenner's, bbls....lb. 1.11 - —
Camphoric, cns....lb. 7.00 - —
Capric, dms....lb. .16 - .16½
Caproic, dms., works....lb. .25 - .30
Carbolic (see Phenol).
Caprylic, dms....lb. .17½- —
Castor oil, split, dms....lb. .16½- .17
Chlorosulphonic, dms., c.l., wks. lb. .03½- —
5-drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N.Y. lb. .15¾- —
smaller quantities, dlvd. N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb lots, one shipt. lb. .20½- —
smaller lots....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., one shipt..lb. .23 - —
smaller lots....lb. .23½- .26½

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N.Y. Chicago and St. Louis deliveries are ½c. higher than N.Y.

Cleve's bbls....lb. .65 - —
Coconut oil, dist., dms....lb. .13 - .13½
Cottonseed oil, dist., dms....lb. .09 - .09½
tanks ....lb. .08½- —
Cresylic (coaltar), high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50, 210°-215°), dms., c.l., works frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms....gal. .85 Nom.
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East U.S....gal. .48 - —
l.c.l., same basis....gal. .49 - .50
tanks, dlvd., East. U.S.gal. .439 - —
medium-boil (222°-249°), non-return dms., c.l., works, East, U.S..gal. .54 - —
l.c.l., same basis....gal. .55 - .56
tanks, dlvd., East. U.S.gal. .498 - —
Crotonic, 10 bbls. or more, works..lb. .26 - —
smaller lots, works....lb. 1.00 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over..lb. .11 - —
1-24 cbys....lb. 11½- —
Fumaric, bbls., 1-ton delivery.. lb. .24 - —
smaller lots, bbls., dms....lb. .25 - .28
Gallic, tech., bbls....lb. .90 - .93
NF VI, bbls., 200 lbs., 5 or more..lb. 1.07 - —
smaller lots....lb. 1.10 - 1.12
fib. dms., 25 lbs....lb. 1.14 - 1.16
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb kgs....lb. .15 - —
25 or 50-lb. demij....lb. .21 - .23
5-lb. bots....lb. .29 - —
H, bbls....lb. .45 - —
Hydriodic, 45-47%, cbys....lb. 2.42 - 2.44
5-lb. bots....lb. 2.57 - —
57%, bots....lb. 2.90 - —
Hydrobromic, 10% dilute, cbys.. lb. .20 - —
concentrated, 34%, cbys....lb. .35 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls....lb. .06 - .06½
rubber, dms....lb. .08 - .08½
48%, lead, cbys....lb. .12 - —
rubber, dms....lb. .11 - —
52%, lead, cbys....lb. .13 - —
rubber, dms....lb. .12 - —
60%, lead, cbys....lb. .14 - —
rubber, dms....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works....100 lbs. 2.75 - —
cbys., works...100 lbs. 3.75 - —
44%, bbls., c.l., works.... 100 lbs. 5.50 - —
l.c.l., bbls., works.... 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works....100 lbs. 3.75 - —
cbys., works...100 lbs. 4.75 - —
Acid, lactic, tech., light, 44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works....100 lbs. 6.75 - —
cbys., works...100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11½
5 to 19 cbys....lb. .11 - .12
1 to 4 cbys....lb. .11½- .12½
plastic grade, bbls., cbys., 20 or more..lb. .12¼- .13½
5 to 10, cbys....lb. .12¾- .13¾
1 to 4, cbys....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys....lb. .21½- .22½
USP, XI, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Lauric, dist., tech., dms....lb. .15 - .15½
Laurent's, bbls....lb. .45 - —
Linseed oil, light, dms....lb. .15 - .15¼
Maleic, powd., dms....lb. .30 - —
anhydride, dms., c.l....lb. .25 - —
l.c.l. ....lb. .26 - —
Malic, powd., kegs....lb. .47 - —
Mandelic, dms., 1,000 lbs....lb. 2.05 - —
smaller lots....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit....lb. .008- .009
Molybdic, kegs, works....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works....100 lbs. 1.05 - —
20°, cbys., c.l., E. works. 100 lbs. 1.75 - —
l.c.l., 25 and over, works. 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works....100 lbs. 1.15 - —
22°, cbys., c.l., E. works. 100 lbs. 2.25 - —
l.c.l., 25 and over, works. 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works....100 lbs. 1.65 - —
CP, dealers, cbys....lb. .06½- —
6-lb. bots....lb. .17½- —
consumers, cbys....lb. .08 - —
6-lb. bots....lb. .19 - —
Myristic, dist., dms....lb. .18 - .18½
Naphthenic, dom., acidity 160 dms., c.l., works..lb. .06½ Nom.
l.c.l., works....lb. .07 Nom.
tanks, works....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works....lb. .09½ Nom.
tanks, c.l., works....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., woks....lb. .10½ Nom.
tanks, works....lb. No prices
Nicotinic, 100-lb. cns....lb. 7.15 - —
50-lb. cns....lb. 7.25 - —
25-lb. cns....lb. 7.30 - —
5-lb. bots....lb. 7.46 - —
1-lb. bots....lb. 7.50 - —
Nitric, 36°, cbys., c.l., E. works. 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works. 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works. 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 t o 9, works...100 lbs. 7.45 - —
CP, USP, dealers, cbys....lb. .11½- —
7-lb. bots....lb. .21½- —
consumers, cbys....lb. .13 - —
7-lb. bots....lb. .23 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works. lb. .10¾- —
10,000 lbs. or over....lb. .11 - —
smaller quantities....lb. .12 - .14
Palmitic, bgs....lb. .09¾- .10¼
Palm oil, white, dist., dms..lb. .09 - .09½
tanks ....lb. .08½- —
Paraminobenzoic, cns....lb. 1.40 - —
Paranitrobenzoic, cns....lb. .72 - —
Phenylacetic, bots....lb. 1.45 - 1.95
Phosphoric, ortho., tech., 50%, cbys..lb. .06 - —
75%, cbys....lb. .07½- —
USP, 85%, s. g., 1,710 cbys., 180 lbs..lb. .12 - —
50%, s. g., 1,347, cbys., 70 lbs..lb. .10½- —
dms., 25 lbs....lb. .13 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls....lb. .35 - —
Propionic, synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.15 - —
cns. ....lb. 1.33 - —

Acacia—Alcohol

Acid, pyrogallic, USP, cryst., cns..lb. 1.70 - 1.75
resub., cns....lb. 2.20 - 2.30
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., works....lb. .32 - .37
Salicylic, tech., bbls....lb. .33 - —
USP, bbls....lb. .35 - .38
Sebasic, CP, bbls., works....lb. No prices
tech., bbls., works....lb. No prices
Soybean oil, dist., dms....lb. .12½- .13
Stearic, dist., double pressed, bgs., dlvd..lb. .12¾- .13¾
single pressed, bgs., dlvd.lb. .12¼- .13¼
triple pressed, bgs., dlvd.lb. .15½- .16½
saponif., double pressed, bgs., dlvd..lb. .13 - .14
triple pressed, bgs., dlvd..lb. .15¾- .16¾
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works....lb. .17 - —
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E., works....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E., works....ton.16.50 - —
98°, tanks, works....ton.17.50 - —
CP, USP, dealers, cbys....lb. .06½- —
9-lb. bots....lb. .15½- —
consumers, cbys....lb. .08 - —
9-lb. bots....lb. .17 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
Tannic, tech., bbls., dms....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots....lb. 1.00 - —
25-lb. lots....lb. 1.03 - —
powd., bbls., 1,000 lbs....lb. .88 - —
smaller lots....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipt...lb. .63½- —
smaller quantities....lb. .64 - —
kgs....lb. .64¼- —
Tobias, bbls....lb. .55 - .60
Trichloracetic, bots....lb. 2.00 - 2.50
Tungstic, CP, kgs., works..lb. No prices
Tungstic, CP, kgs., works...lb. No Prices
Aconite, leaves, bls....lb. .38 - .42
Root, bls....lb. 1.10 - 1.15
Aconitine, amorph., bots....oz.23.00 - —
vial ....vial. 1.00 - —
cryst., bots....oz.42.00 - —
vial ....vial 1.00 - —
Acrylonitrille, dms., c.l....lb. .34½- —
5,000 lbs. or more....lb. .35 - —
1 ton to 4,999 lbs....lb. .35½- —
1 dm. to 1 ton....lb. .36 - —
tank cars....lb. .34 - —
Adeps lanae, anhyd., dms....lb. .19 - .20
hyd., dms....lb. .17 - .18
Agar, 1 bls....lb. 1.40 - 1.45
3, bls....lb. No prices
Agaric, white, bls....lb. No stocks
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import, bgs....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .85 - .90
powd., dms., bbls....lb. .90 - .95
import, cs....lb. No price
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .121 - —
l.c.l., frt. alld....lb. .131 - —
tanks, frt. alld....lb. .111 - —
normal, dms., l.c.l., works..lb. .25 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns....lb. .68 - —
drums ....lb. .63 - —
Butyl, normal, cns., works..lb. .14½- .17½
dms., c.l., frt. alld....lb. .10 - .11
l.c.l., frt. alld....lb. .10½- .11½
tanks, frt. alld....lb. .09 - .10
tankwagon, frt. alld....lb. .09½- .10½
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .08¾- —
l.c.l., same terms....lb. .09¾- —
tanks, same terms....lb. .07¾- —
tertiary, denaturing, c.l., dms, lb. .12½- —
l.c.l., dms....lb. .13 - —
tanks ....lb. .11½- —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
Cinnamic, bots....lb. 2.33 - 2.95
Denatured, CD14, dms., c.l., dlvd. E..gal. .36½- .38½
l.c.l., dlvd., dms....gal. .41½- .43½
tanks, E., dlvd....gal. .30½- .32½

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works..gal. .35 - —
19 bbls., E. works...gal. .37 - —

Alcohol—Benzyl Acetate

Alcohol, SD1, 190 pf., 1 to 18 bbls., E. works..gal. .40 - —
dms., c.l., E. works...gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms.....gal. .38 - —
tanks, E. works.....gal. .27 - —
Anhydrous 3c. per gal. higher.
SD2B, dms., c.l., works, E. gal. .30½- —
19 dms., works, E...gal. .32½- —
1 to 18 dms., works, E. gal. .35½- —
tanks, E. works.....gal. .24½- —
SD23G, works, E., c.l., dms., gal. .36½- —
19 dms.....gal. .38½- —
1 to 18 dms.....gal. .41½- —
tanks .....gal. .30½- —
Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in drums, higher.
Special solvent, dms., c.l., works..gal. .34 - —
20 dms., to c.l.....gal. .36 - —
1 to 19 dms.....gal. .39 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l., dlvd..lb. .09½- .11½
l.c.l., dlvd.....lb. .10 - .12
tanks, dlvd.....lb. .08½- .10½
tech., dms., c.l., dlvd.....lb. .10 - .11
l.c.l., dlvd.....lb. .10½- .11½
tanks, dlvd.....lb. .09 - .10
Ethyl, 190 pf., ex. molasses, dms., c.l..gal. 6.02½- —
19 dms.....gal. 6.06 - —
5 to 8 dms.....gal. 6.09 - —
1 to 4 dms.....gal. 6.09 - —
tanks .....gal. 5.96½- —
absolute, dms., c.l.....gal. 6.37½- —
19 dms.....gal. 6.41 - —
5 to 18 dms.....gal. 6.44 - —
1 to 4 dms.....gal. 6.44 - —
Ethyl alcohol in bbls. 2c. higher than dms.
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works.lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .29 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl (see Carbinol Isobutyl).
Isobutyl, refd., dms., works..lb. .0790- —
tanks, same terms.....lb. .0690- —
Isopropyl, refd., 91%, dms., 5 gals., f.o.b. dest..gal. .06½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis...gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .33 - .44
l.c.l., same basis...gal. .43 - .47
tanks, same basis.....gal. .33 - .37½
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.10 - 2.50
Polyvenyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .60 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .70 - —
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N.Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b. Cedar Rapids, Ia., lb. .55 - —
Aldehol, denat., grade., dms., tanks, works..gal. .70 - .72
Aldehyde, bisulphite, bbls., dlvd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5-10-gal. dms., works...lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .67 - .69
Allspice, Mexican, bgs.....lb. .13½- .14
Alpha tocopherol, ampules, per gram. 1.00 - 1.10
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .53 - .54
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .58 - .60
Aloin, 140-lb. bbls.....lb. 3.60 - —
100-lb. kgs.....lb. 3.62 - —
25-lb. fib. dms.....lb. 3.69 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. 1.20 Nom.
Alum, ammonia, burnt, USP., bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
dlvd., N. Y., Phil...100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
dlvd., N. Y., Phil...100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd., N. Y., Phil..100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market: f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd., N.Y. price apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 3.75 - —
dlvd. N. Y., Phila...100 lbs. 3.75 - —
lump, bbls., works....100 lbs. 4.00 - —
dlvd., N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd. N. Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.

Potash, chrome, bbls.....lb. No prices
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100-lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, dlvd..lb. .35 - —
1 to 9, dlvd.....lb. .40 - —
smaller containers..lb. .50 - —
soluble, bbls., dlvd....lb. .33 - —
smaller containers, dlvd., lb. .45 - —
solut., 24%, bbls., c.l., dlvd..lb. .07¼- —
Alumina acetate, solut., 24%, l.c.l., 10 or over, dlvd. lb. .08¼- —
1 to 9 dlvd.....lb. .0863- —
normal, pwd., bbls., dlvd. lb. .33 - —
smaller containers, dlvd..lb. .35 - —
solut., 20%, bbls., c.l., dlvd..lb. .08 - —
l.c.l., 10 or over., dlvd. lb. .08½- —
1 to 9, dlvd.....lb. .09 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l. dlvd.....lb .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs, c.l., dlvd.....lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
l.c.l. .....lb. .19 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron free, bgs., c.l., works, 100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 1.85 - —
bbls., c.l., works....100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum, 98-99%, c.l.....lb. .17 - —
l.c.l. .....lb. .18 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .60½- —
ink, dms., 1,500 lbs.....lb. .70½- —
standard, dms., 1,500 lbs...lb. .87½- —
powder, lining, extra fine, dms., 1,500 lbs..lb. .91 - —
standard, dms., 1,500 lbs..lb. .57 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .29 - —
rubber compound, dms., 1,500 lbs..lb. .38 - —
unpolished, dms., 1,500 lbs. lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .41 - —
extra fine, dms., 1,500 lbs.lb. .43 - —
standard, dms., 1,500 lbs..lb. .38 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower, Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz.15.00 -25.00
Aminomethylpropanol, dms., wks., lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.25 - —
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
Aldehyde, dms., works.....lb. .65 - .70
Anhydrous, fertilizer, f. o. b. Belle, W. Va., frt. equal with Hopewell, Va..ton.90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., dlvd., met. N.Y., lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_2 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .43 - —
1,000 lbs. to 3,900 lbs....lb. .44 - —
900 lbs. or less.....lb. .47 - —
Bicarbonate, dms., dlvd. Met. N. Y..lb. .0564- .0614
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14 - .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .34 - .35
kegs .....lb. .32 - —
Carbonate, lump, dms., dlvd. Met. N. Y..lb. .08¼- .09¼
cns., same basis.....lb. .14¼- —
powdered, 1c. per lb. higher.
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
25-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., works.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .25
pure gran.....lb. .27 - .29
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs., dom.....lb. .21 - .22
Ammonia, phosphate, dibasic, NF V, bls..lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N., 48% phos., bulk, f.o.b. E. works..unit-ton. No prices
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- .15
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., contr., f.o.b. cars, ports, Jan.-June shipt..ton.29.00 - —
spot, same basis.....ton.30.00 - —

Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.

Sulphide, liquid, 40-45%, basis 100%, dms., c.l., works, lb. .07½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
red, 48%, cbys, works.....lb. .08 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys, works..lb. .08 - —
dms., works.....lb. .06 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.15 - —
import, csks.....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
cns., works.....lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .115 - —
l.c.l., frt. alld.....lb. .125 - —
tanks, frt. alld.....lb. .10½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0365- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Naphthalenes, mixed, crude, l.c.l., dms., works..lb. .15 - —
refd., l.c.l., dms., works..lb. .17½- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .65 - —
cns. .....lb. .52 - .55
Stearate, dms., l.c.l., works..lb. .23 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .40
import., natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .30 - .35
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .30 - .31
Cyprus, bgs.....lb. .29 - .29½
Mexican, bgs.....lb. No stocks
Star .....lb. .21 - .21½
Anisic aldehyde, bots.....lb. 2.60 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06 - .06½
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., works.....lb. .65 - —
lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .85 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, brown, Bolivian, 67%, lb. .16 - —
Chinese, black, 70%.....lb. .22 Nom.
Oxide, bgs., c.l., dlvd.....lb. .12 - .13
l.c.l., dlvd.....lb. .13½- .14½
Salt, 65%, dms.....lb. .28 - —
bbls. .....lb. .36 - —
White pigment, bgs.....lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.20
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .17 - .19
Arecoline hydrobromide, bots..oz. 6.00 - 7.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity.... 100 kilos. No prices
Arnica flowers, bls.....lb. 5.00 Nom.
Root, bls.....lb. 1.25 Nom.
Arrowroot, St. Vincent, powd., bgs..lb. .09 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Asafetida, cs.....lb. .36 - .37
powd., bbls., bxs.....lb. .54 - .55
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant..lb. .04½- —
smaller lots, f.o.b. plant. lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant..lb. .06 - —
smaller lots, f.o.b. plant. lb. .06 - —
Asphaltum, California, dms., c.l., f.o.b. N. Y..ton.20.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y. lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, selects, bgs., c.l., Western shipt. point..ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery. gal. .12 - —
petroleum, cut-back, tanks, Calif., refinery.....ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz.10.00 -10.25
Sulphate, bots.....oz. 9.00 - 9.25

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .55 - .60
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 99% thru 200 mesh, bgs., c.l., works..ton.43.00 - —
precip., bgs., c.l, works..ton.45.00 - —
l.c.l., works.....ton.50.00 - —
bbls., c.l., works.....ton.50.00 - —
l.c.l., works.....ton.55.00 - —
Sulphur-free, c.l., works..ton.50.00 - —
l.c.l., works.....ton.55.00 - —
Chlorate, kgs.....lb. .45 Nom.
Chloride, CP, cryst., bbls....lb. .25 - .27
pure, bbls., kgs.....lb. .10 - .12
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis...ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .13
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .05¾- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09¼- .10½
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works...lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.65 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York....ton.31.50 - —
Southern, off color, bulk mines, ton.12.00 - —
95.75%, bulk mines.....ton.16.00 - —
ore, bulk mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a...ton. No prices
l.c.l., ex whse....ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a..ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. 2.25 Nom.
Root, bls.....lb. 2.00 Nom.
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .55
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .14 - —
Benzophenone, dms.....lb. .85 - 1.00
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .48 - —
dms. .....lb. .44 - —

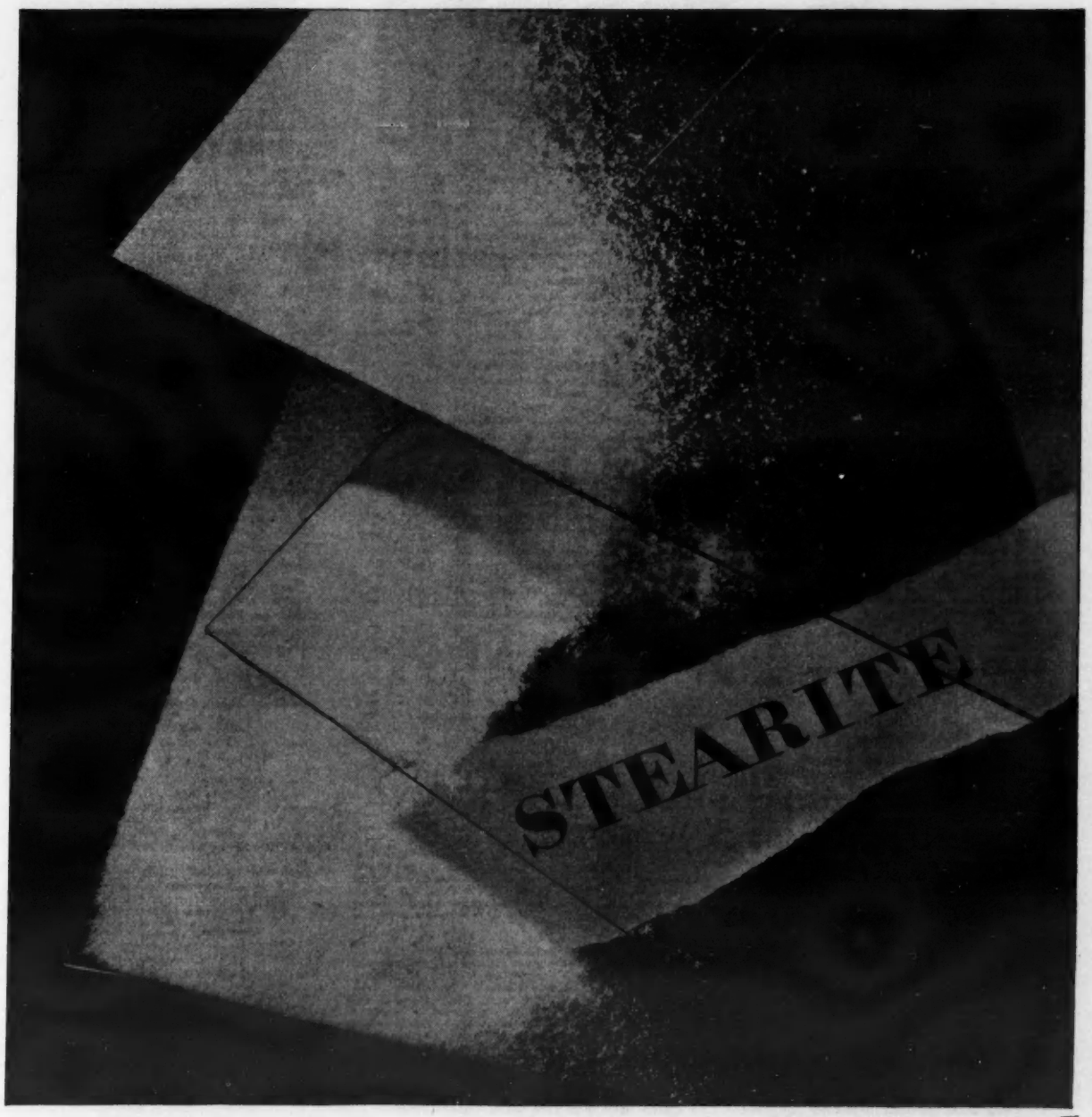
Benzyl alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cans..lb. .84 - —
dms. ..lb. .80 - —
Cinnamate, cns. ..lb. 5.25 - 5.50
Formate, cns. ..lb. 2.40 - 2.75
Proprionate, bots. ..lb. 1.10 - 1.25
Propionate, bots. ..lb. 2.00 - 2.25
Salicylate, bots. ..lb. 1.45 - 1.60
Benzylidineacetone, bots. ..lb. 2.20 - 2.50
Berberine bisulphate, cns. ..lb. 17.75 -18.00
Hydrochloride, cns. ..lb. 17.75 -18.00
Sulphate, cns. ..lb. 17.75 -18.00
Berberis root, bls. ..lb. .12 - .18
Betanaphthol, sublim., kgs. ..lb. .55 - —
tech., bbls., c.l., works. ..lb. .23 - —
l.c.l., bbls., works. ..lb. .24 - —
Benzoate, fib. dms. ..lb. 2.50 - —
kgs. ..lb. 2.70 - —
Betanaphthylamine, tech., kgs. ..lb. .51 - —
Beth root, bls. ..lb. .19 - .21
Bismuth chloride, 5-lb. bots. ..lb. 3.00 - —
jars ..lb. 2.85 - —
Citrate, USP, VIII, 5-lb. bots., lb. 2.86 - —
jars ..lb. 2.75 - —
Hydroxide, 5-lb. bots. ..lb. 3.46 - —
cns. ..lb. 3.35 - —
Metal, ton lots. ..lb. 1.25 - —
Nitrate, cryst., 5-lb. bots. ..lb. 1.45 - —
cns. ..lb. 1.30 - —
Oxychloride, 5-lb. bots. ..lb. 3.19 - —
cns., kgs. ..lb. 3.10 - —
Subbenzoate, 5-lb. bots. ..lb. 3.51 - —
fib. dms. ..lb. 3.40 - —
Subcarbonate, bots., cns. ..lb. 1.59 - 1.85
175-lb. bbls. ..lb. 1.50 - —
X-ray, 5-lb. bots. ..lb. 2.79 - —
fib. dms. ..lb. 2.73 - —
Subgallate, bots., cns. ..lb. 1.49 - 1.72
fib. dms. ..lb. 1.40 - —
Subiodide, bots. ..lb. 4.24 - —
fib. dms. ..lb. 4.13 - —
Subnitrate, powd., bots., cns. ..lb. 1.29 - 1.57
250-lb. bbls. ..lb. 1.20 - —
Subsalicylate, 60-66%, bots. ..lb. 2.59 - —
bbls., fib. dms. ..lb. 2.50 - —
Sulphocarbolate, 5-lb. bots. ..lb. 3.76 - —
fib. dms. ..lb. 3.65 - —
Trioxide, powd., 5-lb. bots. ..lb. 3.76 - —
cns. ..lb. 3.65 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms. ..lb. 3.40 - —
5-lb. cns. ..lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid ..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E. ..lb. .17 - —
l.c.l., frt. alld. E. ..lb. .17½- —
3, bbls., bgs., c.l. frt. alld. E., lb. .10½- —
l.c.l., frt. alld. E. ..lb. .11 - —
4, bbls., c.l., frt. alld. E. ..lb. .09½- —
l.c.l., frt. alld. E. ..lb. .10 - —
5, bbls., bgs., c.l., frt. alld, E., lb. .08½- —
l.c.l., frt. alld. E. ..lb. .09 - —
6, bbls., bgs., c.l., frt. alld. E., lb. .06½- —
l.c.l., frt. alld. E. ..lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E., lb. .10 - —
l.c.l., frt. alld. E. ..lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E., lb. .11 - —
l.c.l., frt. alld. E. ..lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants. ..lb. .03325- —
f.o.b. North Atlantic ports. ..lb. .0430- —
l.c.l., bgs. or cartons, f.o.b. whse. ..lb. .07¼- —
dlvd. ..lb. .07¼- —
beads, compressed, bgs., c.l., f.o.b. plants. ..lb. .03175- —
f.o.b. North Atlantic ports. ..lb. .0415- —
l.c.l., bgs. or cartons, f.o.b. whse. ..lb. .06¾- —
dlvd. ..lb. .06¾- —
bulk, cars, c.l., f.o.b. plants, lb. .03 - —
f.o.b. New York harbor. ..lb. .0397- —
All carbon black prices are for delivery in March.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works. ..lb. .08¾- —
2, bbls., l.c.l., works. ..lb. .08 - —
Ivory, genuine, bbls. ..lb. .30 - —
Lamp, dom., 1, ctns., c.l., works. ..lb. .07 - —
l.c.l., works. ..lb. .08 - —
2, ctns., c.l., works. ..lb. .09 - —
l.c.l., works. ..lb. .10 - —
2A, ctns., c.l., works. ..lb. .11 - —
l.c.l., works. ..lb. .12 - —
3, ctns., c.l., works. ..lb. .13 - —
l.c.l., works. ..lb. .14 - —
4, ctns., c.l., works. ..lb. .15 - —
l.c.l., works. ..lb. .16 - —
5, ctns., c.l., works. ..lb. .17 - —
l.c.l., works. ..lb. .18 - —
6, ctns., c.l., works. ..lb. .24 - —
l.c.l., works. ..lb. .25 - —
7, ctns., c.l., works. ..lb. .34 - —
l.c.l., works. ..lb. .35 - —
vine, A, bbls., works or N.Y., lb. .04¼- —
B, bbls., works or N. Y. ..lb. .05½- —
works. ..lb. .13½- .15½
dms., c.l., frt. alld. ..lb. .09 - —
Black dyes are listed under Dyes.
Black Haw, root bark, bls. ..lb. .40 - .45
Tree bark, bls. ..lb. .16 - .17
Black Indian hemp root, bls. ..lb. .22 - .28
Blanc fixe, dry, by-product, bgs., c.l., works. ..ton. 50.00 - —
l.c.l., works. ..ton. 62.50 - —
direct process, bgs., c.l., works, frt. equaled. ..ton. 70.00 - —
l.c.l., same basis. ..ton. 75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton. 35.00 - —
l.c.l., works. ..ton. 42.50 - —
Bleaching powder, dms., c.l., works. ..100 lbs. 2.00 - 2.85
l.c.l., works. ..100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 3.25 - —
high-grade, gr., 16-17 ammon., bulk, f.o.b. Chicago, unit-ton. 3.40 - —
import, bgs., c.i.f. ports, shipt. ..unit-ton. 3.10 - —
soluble (see Albumen, blood).
Bloodroot, bls. ..lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .80 - .85
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.) Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Blue, bronze, bbls., same basis, contracts. ..lb. .33 - —
Celestial, bbls. ..lb. .10 - .12
Chinese, bbls., same basis, contracts. ..lb. .33 - —
Cobalt, genuine, 1-kilo pkg. ..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld. ..lb. 3.30 - 3.75
Milori, bbls., same basis, contracts. ..lb. .33 - —
Molybdated, Victoria, same basis, contracts. ..lb. 3.15 - —
Peacock, concentrated, same basis, contracts. ..lb. .52 - —
regular, same basis, contracts, lb. .35 - —
Potash, dom., bbls., same basis, contracts. ..lb. .42 - —
Prussian, bbls., same basis, contracts. ..lb. .33 - —
Tungstated, peacock, kgs. ..lb. 3.75 - —
Victoria, kgs. ..lb. 3.15 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald. ..lb. .22 - .24
jobbing grades, bbls., same basis. ..lb. .11 - —
regular grades, bbls., same basis. ..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis, alkali toner. ..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns., tubs. ..lb. 1.67 - 1.84
powd., bots., cns., dms. ..lb. 1.70 - 1.84
Bluestone (see Copper sulphate).

Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago. ..ton. 34.00 - —
import, bgs., c.i.f. ports. ..ton. 37.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago. ..ton. 34.00 -35.00
import, bgs., c.i.f. ports. ..ton. 35.00 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¾% ammon., 60% phos., bgs., f.o.b. Chicago. ..ton. 40.00 - —
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports. ..ton. 40.00 - —
Boneset leaves, bls. ..lb. .08½- .09
Borage flowers, bls. ..lb. .45 - .48
Borax, tech., 99½% gran., bulk, c.l., frt. alld. ..ton. 40.50 - —
bgs., c.l., frt. alld. ..ton. 43.00 - —
ton lots, ex whse. ..ton. 54.00 - —
less than ton lots, ex whse. ..ton. 59.00 - —
bbls., c.l., frt. alld. ..ton. 53.00 - —
ton lots, ex whse. ..ton. 64.00 - —
less than ton lots, ex whse. ..ton. 69.00 - —
powd., bgs., c.l., frt. alld. ton. 48.00 - —
ton lots, ex whse. ..ton. 59.00 - —
less than ton lots, ex whse. ..ton. 64.00 - —
bbls., c.l., frt. alld. ..ton. 58.00 - —
ton lots, ex whse. ..ton. 69.00 - —
less than ton lots, ex whse. ..ton. 74.00 - —
USP, $15 per ton higher.

Benzyl Alcohol—Brown, Sienna

Bordeaux mixture, dms., c.l., dealers. ..lb. .11 - —
l.c.l., dealers, dms. ..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies. ..lb. .25 - —
single pkg., same basis. ..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots. ..lb. 1.50 - —
cbys. ..lb. 1.42 - —
Bromstyro. ..lb. 3.25 - 4.00
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs. ..lb. .60 - .65
mouilding, cns., dms., over 10 lbs. ..lb. .90 - 1.00
printing ink, cns., dms., over 10 lbs. ..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs. ..lb. .45 - .50
Broomtops, bls. ..lb. .15 - .16
Brown, iron oxide, pure precip., cks., f.o.b. N.Y. ..lb. .11½- —
Metallic, iron oxide, bbls., wks., lb. .02¼- —
paper bgs., c.l., works. ..lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works. ..lb. .03¼- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points. ..lb. .13 - —
2, bbls., same basis. ..lb. .12 - —



STEARITE is a stearic acid produced by the selective hydrogenation process. By this process it is possible to control the ratio of the various fatty acids present so that each lot has a uniformity unobtainable in other types of stearic acid. From the beginning, this factor has impressed users so favorably that Stearite is in constantly increasing demand. Recently additional grades have been developed offering higher melting points and lower iodine numbers, with the result that the uses have been still further increased. Manufacturers in the process industries, in the rubber, plastics, chemical and other industries, are invited to write to Wishnick-Tumpeer regarding the many applications of the Stearites.

WISHNICK-TUMPEER, INC.

MANUFACTURERS AND EXPORTERS

New York, 295 Madison Ave. • Boston, 141 Milk St. • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Dallas, Texas, 610 Dallas National Bank Building • Witco Affiliates: Witco Oil & Gas Company • The Pioneer Asphalt Company • Panhandle Carbon Company • Foreign Office, London, Eng.

BUY DIRECT AND PROFIT DIRECTLY

Brown, Sienna—Cream of Tartar

Brown, Sienna, burnt, Italian, group:—
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09½- —
6, bbls., same basis....lb. .09 - —
7, bbls., same basis....lb. .08¾- —
8, bbls., same basis....lb. .08½- —
9, bbls., same basis....lb. .08 - —
10, bbls., same basis....lb. .08 - —
11, bbls., same basis....lb. .07½- —
12, bbls., same basis....lb. .07 - —
13, bbls., same basis....lb. .06¾- —
14, bbls., same basis....lb. .06¼- —
Raw, American, bbls., f.o.b. works..lb. .02¾ - —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .13¼- —
2, bbls., same basis....lb. .12 - —
3, bbls., same basis....lb. .12¼- —
4, bbls., same basis....lb. .10¼- —
5, bbls., same basis....lb. .10¼- —
6, bbls., same basis....lb. .09½- —
7, bbls., same basis....lb. .09½- —
8, bbls., same basis....lb. .08 - —
9, bbls., same basis....lb. .07½- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .05¾- —
umber, American, bbls., works..lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04¾- —
St. Louis.....lb. .05¼- —
l.c.l., ex car Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
ex whse. Los Angeles, Portland, San Francisco, Seattle..lb. .05⅝- —
Boston .....lb. .04¾- —
Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City.....lb. .05⅜- —
Minneapolis .....lb. .0535- —
Pittsburgh .....lb. .05 - —
Vandyke, bbls., l.c.l.....lb. No prices
Walnut crystals, bbls.....lb. .08½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .55 - .56
Buckthorn bark, true, bls.....lb. No prices
cut and sifted, bbls.....lb. .85 - .90
Berries, bgs.....lb. .35 - .40
Burdock root, bls.....lb. .40 - .45
Burgundy pitch, dom., dms...lb. .06 - .06½
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks. lb. .14½- .17½
dms., c.l., frt. alld.....lb. .10 - 11
l.c.l., frt. alld.....lb. .10½- .11½
tanks, frt. alld.....lb. 09 - .10
tankwagons, frt. alld...lb. .09½- .10½
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .08¾- —
dms., l.c.l., same terms.lb. .08⅞- —
tanks, same terms.....lb. .07¼- —
Alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbonal, secondary, l.c.l., dms., works..lb. .60 - —
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l. .....lb. .23 - —
Crotonate, normal, 55-gal. dms., works..lb. .35 - —
1-gal. cns., works.....lb. 1.00 - —
5-gal. cns., works.....lb. .75 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. M t N. Y..lb. .60 - —
Butane, coml., 16-34°, tanks, group 3..gal. .02½- .03

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more...lb. 1.65 - —
single jars.....lb. 1.70 - —
5-lb. bots.....lb. 1.84 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Iodide, 5-lb. bots.....lb. 4.23 - —
25-lb. cans.....lb. 4.09 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .93 - —
ingots or sticks.....lb. .90 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 500 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms. lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lbs. cns.....lb. 2.70 - —
1,000 lbs. or more, 100-lb. dms.. lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. cns.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10-lb. cns.. lb. 3.15 - —
Citrated, bots.....lb. 2.30 Nom.
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. .85 Nom.
bleached, bls.....lb. No stocks
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06½- —
l.c.l. .....lb. .06¾- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 90 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd. 100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse, 100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms.. 77-88%. dms., c.l., dlvd..ton.20.50 -35.00
l.c.l., 1 ton or more, dlvd., 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, wks., ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -33.00
l.c.l., 1 ton or over, dlvd., 100 lbs. 1.53 - 2.25
Calcium, gluconate, USP, gran., 150-lb. bbls..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Powd., 2c. per lb. higher.
Glycerophosphate, fib. dms.... 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphate, cns.....lb. .62 - .65
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .24 - .25
Mandelate, dense, dms.....lb. 2.05 - —
fluffy, dms.....lb. 2.05 - —
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt..unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0635- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., works.ton.51.00 - —
luminous, dom., tins, works, 100 lbs. 1.25 - —
Sulphocarbolate, 200-lb. bbls..lb. .48 - .50
Calendula flowers, bls.....lb. .85 - .90
Calomel, bbls., fib. dms., kgs., 50 lbs. or more..lb. 2.70 - —
Camphor, natural, powd., cs...lb. .73 - .74
slabs, cs.....lb. .73 - .74
tablets, tins.....lb. .80 - .81
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
USP, or import, gran., powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.65
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs...lb. .0360- .0380
Morocco, bgs.....lb. .0400- .0430
Turkish, bgs.....lb. .0370- .0400
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 3.00 - 3.05
powd., bxs.....lb. 3.25 - 3.30
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. .68 - .69
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Diethyl, l.c.l., works.....lb. .60 - —
Dimethylethyl, l.c.l., works..lb. .60 - —
Isobutyl, c.l., dms., frt. alld..lb. .225- —
l.c.l., same basis.....lb. .235- —
tanks, same basis.....lb. .215- —
Carbon bisulphide, 55 gal., dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis. lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .06½- —
l.c.l., frt. alld.....gal. .73 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Zone 4, 52½-gal. dms., c.l.gal. .83 - —
l.c.l. .....gal. .90 - —
5 or 10-gal. dms., c.l....gal. 1.07 - —
l.c.l. .....gal. 1.17 - —

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1 includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.....lb. 1.30 - 1.50
decorticated, cs.....lb. 1.15 - 1.20
green, Ceylon, afloat, bgs....lb. 1.30 - 1.50
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .18 - .19
Case-hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .15½- —
5 tons, works.....lb. .15⅝- —
smaller lots, works.....lb. .16 - —
80-100 mesh, works.....lb. .16 - —
5 tons, works.....lb. .16¼- —
smaller lots, works.....lb. .16½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty paid..lb. .14 - .14¼
80-100 mesh, bgs., c.l., duty paid..lb. .14½- .14⅝
French, 30 mesh., bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh., c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .19¼- .20
No. 1 regular, bls.....lb. .18¼- .19
shortsticks, bls.....lb. .14½- .15
broken, bls.....lb. .12 - .12½
China, buds, bags.....lb. .14 - .14½
Rolls, select, bls.....lb. .13 - .13½
broken, extra, bls.....lb. .12¼- .12⅝
Saigon, No. 1, 4-10-4, bls....lb. .23½- .24
10-6-2, bls.....lb. .24 - .24½
all thin, bls.....lb. .25 - .25½
Cassia fistula, bskts.....lb. .15 - .16
Castoreum, nat., cns.....lb. 12.50 -15.00
synth., bots.....lb. 19.00 - —
Castor beans, Brazilian, ship't, c.&f., N.Y..long ton. 62.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton. 15.00 - —
import, bgs., c.i.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .70 - .72
Indian .....lb. .50 - .51
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., frt. alld..lb. .30 - —
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld....lb. .47 - —
smaller pkgs., works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld. lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld....lb. .43 - —
smaller pkgs., works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld....lb. .45 - —
smaller pkgs., works.....lb. .46 - —
Triacetate, flake, frt. alld....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
eks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. 1.00 - 1.25
Roman, bls.....lb. 3.25 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd.. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo. .....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis.ton.27.60 - —
Indiana .....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex., (except El Paso), Ia.....ton.25.00 - —
Kansas, El Paso, Tex. ton.26.00 - —
Michigan .....ton.32.80 - —
Ohio .....ton.32.80 - —
Penn. .....ton.34.80 - —
Utah .....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02¼- —
l.c.l., bbls., works.....lb. .02⅝- —
tanks, works.....lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works.. ton. 9.50 - —
paper bgs., c.l., works., ton.12.50 - —
imported, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila..ton.18.60 -25.00
powd., cks., l.c.l., ex whse., ton.45.00 - —
Chloral hydrate, jars, 1,000 lbs..lb. .93 - 1.02
500 lbs.....lb. .96 - 1.05
100 lbs.....lb. .98 - 1.07
25 lbs.....lb. 1.00 - 1.09
1-10 lbs.....lb. 1.05 - 1.12
dms., 1,000 lbs.....lb. .90 - —
500 lbs.....lb. .93 - —
100 lbs.....lb. .95 - —
Chlorinated rubber, standard, c.... ctns., works..lb. .32 - —
100 lbs., ctns.....lb. .35 - —
smaller lots.....lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .03¼- —
contracts, dlvd., N. Y...lb. .05¼- —
l.c.l., dlvd., N. Y.....lb. .07¼- —
tanks, single units, works, frt. equald..100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt., equald.. 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.40 - —
1, works, frt., equald., 100 lbs. 2.90 - —
Chloracetaphenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 -
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chlorpicrin, com'l, 180-lb. cyls., frt. alld..lb. .80 - —
100-lb. cyls., frt. alld.....lb. .85 - —
25-lb. cyls., works.....lb. 1.00 - 1.15
1-lb. bot., case 12, works, lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., dlvd..lb. .13½- —
solut., 8½%, cs., bbls.....lb. .05¾- —
Cake, bulk, c.l., works.....ton.16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scale, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot.....lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs..lb. .85 - .90
20 in., thick, cs.....lb. .85 - .90
20 in., medium, cs.....lb. .85 - .90
USP, broken quill, red, bgs..lb. .20 - .21
yellow, bgs.....lb. .20 - .21
Cinchonidine, small crys., cns., 100 ozs..oz. .89 - —
Sulphate, N.F., cns., 100 ozs.oz. .53 - —

Cinchonidine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, small crys., cns., 100 ozs..oz. .62 - —
large cryst., cns., 100 ozs.oz. .66 - —
Sulphate, N.F., cns., 100 ozs..oz. .42 - —

Cinchonine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 25-lb. fib. dms., lb. 3.55 - 3.60
1 and 5-lb. bots.....lb. 3.70 - 3.80
100 lbs., dms.....lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, 99-100% pure, cbys., cns..lb. 1.10 - 1.20
Cinnamon, Ceylon, 2, bls.....lb. .18½- .19¼
3 bls.....lb. No stocks
Citral, bots., cns.....lb. 2.75 - 4.00
Citrine ointment, jars.....lb. .95 - .97
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 2.00
Clove, Amboyna, bgs.....lb. .25 - .26
Madagascar .....lb. .21½- .22
Zanzibar .....lb. .20 - .20½
Clover tops, red, bgs.....lb. .35 - .40
dom., bgs.....lb. .30 - .35
Coaltar, coal-gas, crude, tbls., c.l., works..bbls. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works...dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .80½- —
Carbonate, powd., bgs., works. lb. 1.58 - —
Chloride, kgs., works.....lb. .85 - —
Hydrate, bbls.....lb. 1.98 - —
Linoleate, paste, 5%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.84 - —
Resinate, fused A, bbls.....lb. .13¼- —
1 %, cobalt oxide, bbls....lb. .13 - —
2 %, cobalt oxide, bbls....lb. .14 - —
3½%, cobalt oxide, bbls....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .63 - —
Cocaine, hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .37 - .38
Teneriffe, silver, bgs.....lb. .38 - .39
Cocoa butter, bulk, c.l., bgs...lb. .24 - —
Cocillana bark, bgs.....lb. .25 - .30
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07 - .08
Blue, root, bls.....lb. .07 - .08
Colchicine, bots., cns.....oz. 25.00 -26.00
Colchicum seed, bgs.....lb. 2.50 Nom.
Collodion, USP, dms., 325 lbs..lb. .13 - —
cns., 25 lbs.....lb. .19 - .20
flexible, USP, dms., 325 lbs..lb. .17 - —
cns., 25 lbs.....lb. .21 - .22
Colocynth pulp, bls.....lb. .55 - .56
Colombo root, bls.....lb. .15 - .16
Coltsfoot leaves, bgs.....lb. .35 - .40
Condurango bark, bgs.....lb. .11 - .12
Conium leaves, bls.....lb. .30 - .32
Copaiba balsam, Para, cns.....lb. .26 - .27
S.A., USP, cns.....lb. .28 - .29
Copper acetate, normal, bbls., dlvd..lb. .24 - —
smaller containers, dlvd..lb. .26 - —
Carbonate, 52-54%, bbls.....lb. .16½- .18
Chloride, anhyd., bbls.....lb. .16 - .18
cryst. .....lb. .13½- .14½
Cyanide, tech., bbls.....lb. .34 - .36
Iodide, bots.....lb. 5.15 - 5.19
Metal, electrolytic.....lb. .12 - .12½
Nitrate, cryst., bbls.....lb. .20 Nom.
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .18½- .20
Red, com'l, kgs., f.o.b. N. Y. lb. .19 - .21
Resinate, precip., bbls.....lb. .15 - .16
Sulphate, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.75 - —
l.c.l., 16-50 bbls., same basis, 100 lbs. 4.90 - —
6-15 bbls., same basis, 100 lbs. 5.00 - —
1-5 bbls., same basis, 100 lbs. 5.25 - —
monohydrated, dms., c.l., dealers, f.o.b. works..100 lbs. 8.60 - —
l.c.l., dealers.....100 lbs. 9.60 - —
Copperas, cryst., gran., bgs., c.l., works..ton.17.00 - —
bbls., c.l., works.....ton.20.00 - —
l.c.l., 25 or over, works, 100 lbs. 1.55 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.14.00 - —
Copra, Coast, ship.....lb. .0375 Nom.
Coriander, bgs.....lb. .07½- .08
bleached, bgs.....lb. .09 - .09½
Corn sugar, tanners', chipped, bgs., c.l., dlvd..100 lbs. 4.05 - —
slabs, bbls., c.l.....100 lbs. 3.41 - —
solid, bbls., c.l.....100 lbs. 3.53 - —
Syrup, 42°, bbls., c.l..100 lbs. 3.52 - —
42°, bbls., c.l.....100 lbs. 3.57 - —
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 2.19 - —
gran., powd., dms., 50 lbs. or more..lb. 2.04 - —
Cottonroot bark, bls.....lb. .10 - .11
Cornsilk, bls.....lb. .25 Nom.
Cottonseed, hull ash 32-36% pot-ash, bgs., dlvd..unit-ton. 1.00 - —
meal, 8%, Southeast, mills..ton.26.00 - —
Coumarin, 5 lbs. or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 dms., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .06 - .07
Cranesbill root, bls.....lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .52¼- —
smaller lots, bbls.....lb. .53 - —
kgs. .....lb. .53½- —

Creosote, beechwood, bots	lb.	.70	Nom.
hardwood, USP, bots	lb.	.45	- .47
Pine, dms	gal.	.28	- —
Carbonate, bots., cbys	lb.	1.90	- 2.29
Oil, crude, tanks, works	gal.	.13½	- .14½
Coaltar, solution, tanks, works	gal.	.122	- .132
refd., bbls., l.c.l., works	gal.	.25	- —
tanks, works	gal.	.18	- .18½
Cresol, USP, dms., c.l., works	lb.	.09¾	- —
l.c.l., same basis	lb.	.10¾	- —
special resin grade, dms., c.l., works	lb.	.08¾	- —
l.c.l., same basis	lb.	.09¾	- —
Crotonaldehyde, 97%, 55 and 110 gal., c.l., works	lb.	.13	- —
l.c.l., works	lb.	.14	- —
5 and 10-gal. dms., works	lb.	.15	- —
Cryolite, syn., c.l., frt. alld. E. of Miss. River	lb.	.08½	- —
l.c.l., works	lb.	.09¼	- —
natural, c.l	100 lbs.	8.75	- —
l.c.l	100 lbs.	9.25	- —
Cube root, powd., 5% rotenone, bbls., f.o.b. N. Y. C	lb.	.19	- .21
4% rotenone prices are 3c. per lb. less.			
Cubeb berries, XX, bgs	lb.	.44	- .45
powd., cs	lb.	.49	- .50
Culver's root, bls	lb.	.16	- .17
Cumin seed, Morocco, bgs	lb.	.17½	- .18
Cyprus, bgs	lb.	.17½	- .18
Indian bgs	lb.	.16½	- .17
Persian, bgs	lb.	.16¾	- .17¼
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid	lb.	.04¾	- —
Cyanamide, 22% N, pulv., bgs., dlvd., contracts, N.	unit-ton.	No prices	
Cyanide-chloride, mixture, 45% gran. dms.	lb.	.10¾	- —
lump, dms	lb.	.09¾	- —
75% gran., dms	lb.	.15	- —
Cyclohexane, 98-100%, dms., works	lb.	.16	- —
Cyclohexanol, 98-100%, dms., works	lb.	.23	- —
Cyclohexanone, 98-100%, dms., works	lb.	.32	- —

D

Damiana leaves, bls	lb.	.16	- .17
Dandelion root, German, bls	lb.	.75	- .80
Decanol, normal, tech., 360 lbs., dms., dlvd	lb.	.35	- —
Deertongue leaves, bls	lb.	.12	- .14
Degras, common dom., bbls	lb.	.07¾	- .08¾
neutral, dom., bbls	lb.	.13	- .16
Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y.	lb.	.21	- .23
4% rotenone prices are 3c. per lb. less.			
Derris, extract, 25% rotenone, bulk, cns.	lb.	3.00	- 4.00
Dextrin, British gum, c.l., f.o.b. Chicago	100 lbs.	4.15	- —
l.c.l., f.o.b. Chicago	100 lbs.	4.25	- —
Corn, canary, bgs., c.l., f.o.b. Chicago	100 lbs.	3.90	- —
l.c.l., f.o.b. Chicago	100 lbs.	4.70	- —
white, bgs., c.l., f.o.b. Chicago	100 lbs.	3.85	- —
l.c.l., f.o.b. Chicago	100 lbs.	4.05	- —
Potato, bgs., dom., c.l	lb.	.08	- —
l.c.l., bgs	lb.	.09	- .10
Diacetone (see under Alcohol).			
Diacetyl, bots	lb.	9.50	-11.00
Diamyl ether, dms., c.l., works	lb.	.085	- —
l.c.l., works	lb.	.092	- —
tanks, works	lb.	.075	- —
Phthalate, dms., c.l., dlvd	lb.	.21	- —
l.c.l., dlvd	lb.	.21½	- —
tanks, dlvd	lb.	.20	- —
Diamylamine, dms., c.l., works	lb.	.47	- —
l.c.l., works	lb.	.50	- —
Diamylene, dms., c.l., works	lb.	.095	- —
l.c.l., works	lb.	.102	- —
tanks, works	lb.	.085	- —
Diamylnaphthalene, dms., l.c.l., works	lb.	.20	- —
Diamylphenol (2, 4), dms., c.l., works	lb.	.17	- —
l.c.l.	lb.	.20	- —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst	ton.	22.00	-25.00
l.c.l., ex whse	ton.	45.00	- —
purified, bgs., c.l., f.o.b. Atlantic seaboard	ton.	35.00	-39.00
l.c.l., ex whse	ton.	85.00	-90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard	lb.	.09	- —
l.c.l., ex whse	lb.	.10	- .16
Import, bgs., c.l., c.i.f	ton.	No prices	
Dibutylamine, dms., c.l., works,	lb.	.50	- —
l.c.l.	lb.	.53	- —
tanks, works	lb.	.48	- —
Dibutyl ether (see Ether, butyl).			
Phthalate, dms., c.l., dlvd	lb.	.19	- —
l.c.l., dlvd	lb.	.19½	- —
tanks, dlvd	lb.	.18	- —
cns., works	lb.	.23½	- .25½
Sebacate, dms., works	lb.	.45	- .47
Tartrate, dom., dms	lb.	.50	- —
Dicalcium phosphate (see Calcium phosphate dibasic).			
Dichlorethyl ether, dms., c.l., works	lb.	.15	- —
l.c.l., works	lb.	.16	- —
tanks, works	lb.	.14	- —
Dichloropentanes, dms., c.l., works	lb.	.032	- —
l.c.l.	lb.	.04	- —
tanks	lb.	.025	- —
Diethanolamine, dms., c.l., works,	lb.	.23½	- —
l.c.l., works	lb.	.24½	- —
tanks, works	lb.	.22½	- —
Diethylamine, dms., l.c.l., works,	lb.	.70	- —
Diethylamino ethanol, l.c.l., dms., works, frt. alld. E. of Miss. river, l.c.l., dms.	lb.	.75	- —
Diethylaniline, dms	lb.	.40	- —
Diethylcarbonate, com'l, dms	lb.	.25	- —
refd., 99%, dms	lb.	.35	- —
Oxalate, dms., l.c.l., dlvd	lb.	.27	- —
Diethyl phthalate, dms., c.l., frt. alld.	lb.	.19	- —
l.c.l.	lb.	.19½	- —
tanks	lb.	.18	- —
Sulphate, dms., c.l., works	lb.	.13	- —
l.c.l., works	lb.	.14	- —
tanks	lb.	.12	- —
Diethyleneglycol, dms., c.l., works,	lb.	.14	- —
l.c.l., works	lb.	.15½	- —
Monobutylether, dms., works	lb.	.22½	- .24½
Monoethylether, dms., c.l., works	lb.	.14½	- —
l.c.l., works	lb.	.15½	- —
tanks, works	lb.	.13½	- —
Digitalis leaves, dms	lb.	.40	- .42
Diglycol, laurate, c.l	lb.	.16	- —
Oleate, light, bbls., c.l	lb.	.17	- —
Stearate, bbls., c.l	lb.	.22	- —
Di-isobutyl ketone, dms., works	lb.	.19	- —
Dilliseed, cleaned, bgs	lb.	.07¾	- .07¾
Dimethyl phthalate, dms., c.l., dlvd	lb.	.18½	- —
l.c.l., dlvd	lb.	.19	- —
tanks, dlvd	lb.	.17½	- —
Dimethylamine, dms., c.l., dlvd	lb.	.85	- —
l.c.l., dlvd	lb.	.90	- —
Dimethylaniliin, dms., c.l	lb.	.23	- —
l.c.l., dms	lb.	.24	- —
Dinitrobenzene, bbls., 80° min	lb.	.16	- —
Dinitrochlorobenzene, dms	lb.	.14	- —
Dinitronaphthalene, kgs	lb.	.35	- .38
Dinitrophenol, bbls	lb.	.22	- —
Dinitrotoluene, dms	lb.	.15½	- —
oily, dms	lb.	.05	- —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd	lb.	.44	- —
600-1,950 lbs., dlvd	lb.	.46	- —
150-450 lbs., dlvd	lb.	.47	- —
Dioxan, dms., c.l., frt. alld	lb.	.20	- —
l.c.l., same basis	lb.	.21	- —
tanks, same basis	lb.	.19	- —
Dip oil (see Tar acid oil).			
Dipentene, dms	gal.	.47	- .50
tanks	gal.	.41	- —
dest., dist., dms	gal.	.45	- .48
tanks	gal.	.38	- —
Diphenyl, bbls., c.l., works	lb.	.15	- —
l.c.l., works	lb.	.16	- .20
Oxide, perfume grade, dms	lb.	.43	- .45
cns.	lb.	.48	- .50
Diphenylamine, bbls	lb.	.25	- —
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd	lb.	.35	- —
600-1,950 lbs., dlvd	lb.	.36	- —
150-450 lbs., dlvd	lb.	.37	- —
Dimethylethyl carbinol (see Carbinol).			
Divi-divi, Columbian	ton.	32.00	- —
Venezuelan	ton.	35.00	- —
Doggrass root, cut, NF, bls	lb.	.75	- .80
Dogwood bark, Jamaica, bls	lb.	.08	- .10
Dovers powder, USP, cns	lb.	2.75	- 2.90
Dragon's blood, mass, cs	lb.	.65	- .85
reeds, cs	lb.	1.00	- 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—			
Blue, FD&C blue, No. 1, cns.	lb.	13.50	- —
FD&C blue, No. 2, cns	lb.	13.50	- —
FD&C green, No. 2, cns	lb.	17.50	- —
FD&C green, No. 3, cns	lb.	27.50	- —
Green, FD&C green, No. 1, cns.,	lb.	13.50	- —
Orange, FD&C orange, No. 1, cns.	lb.	2.90	- —
FD&C orange, No. 2, cns.	lb.	3.65	- —
Red, FD&C red, No. 1, cns.	lb.	6.00	- —
FD&C red, No. 2, cns	lb.	3.15	- —
FD&C red, No. 3, cns	lb.	17.50	- —
FD&C red, No. 4, cns	lb.	5.75	- —
FD&C red, No. 32, cns	lb.	4.15	- —
Yellow, FD&C yellow, No. 1, cns.	lb.	8.50	- —
FD&C yellow, No. 3, cns.	lb.	2.65	- —
FD&C yellow, No. 4, cns.	lb.	2.65	- —
FD&C yellow, No. 5, cns.	lb.	3.15	- —
FD&C yellow, No. 6, cns.	lb.	3.15	- —
Dyes, coaltar (certified colors), for drugs and cosmetics:—			
Black, D&C black, No. 1	lb.	8.35	- —
Blue, D&C blue, No. 6	lb.	13.50	- —
Brown, D&C brown, No. 1, cns.,	lb.	12.35	- —
Green, D&C green, No. 5, cns.,	lb.	12.35	- —
D&C green, No. 6, cns	lb.	12.35	- —
Orange, D&C orange, No. 5, cns.	lb.	8.35	- —
D&C orange, No. 4, cns	lb.	15.35	- —
D&C orange, No. 10, cns	lb.	15.35	- —
D&C orange, No. 11, cns	lb.	17.35	- —

Creosote—Dyes

Dyes, coaltar (certified colors), for external use drugs and cosmetics:—			
Red, D&C red, No. 5	lb.	6.00	- —
D&C red, No. 17	lb.	8.35	- —
D&C red, No. 18	lb.	18.35	- —
D&C red, No. 19, cns	lb.	15.35	- —
D&C red, No. 22, cns	lb.	8.35	- —
D&C red, No. 33	lb.	13.35	- —
D&C red, No. 37, cns	lb.	12.35	- —
Yellow, D&C yellow, No. 7, cns.	lb.	8.35	- —
D&C yellow, No. 3, cns	lb.	8.35	- —
D&C yellow, No. 11	lb.	10.35	- —
Blue, Ext. D&C blue, No. 1, cns.	lb.	12.35	- —
Green, Ext. D&C green, No. 1, cns.	lb.	12.35	- —
Red, Ext. D&C red, No. 1, cns.	lb.	10.35	- —
Ext. D&C red, No. 3	lb.	21.35	- —
Ext. D&C red, No. 8	lb.	7.85	- —
Ext. D&C red, No. 10, cns.	lb.	12.35	- —
Ext. D&C red, No. 13, cns.	lb.	12.35	- —
Yellow, Ext. D&C yellow, No. 1, cns.	lb.	8.35	- —
Dyes, coaltar, for general uses (numbers are those of Colour index scale):—			
36 Chrome yellow 2G	lb.	.65	- .70
40 Chrome yellow R	lb.	.50	- 1.00
53 Victoria violet	lb.	.80	- 1.00

MANY USES OF SOLVAY CALCIUM CHLORIDE AID IN NATIONAL DEFENSE!

Many of the diverse applications of calcium chloride, which have long been employed by industry and public works departments, are now being used by the Army, the Navy and by contractors and industrial concerns engaged in national defense work. Among these uses of Solvay Calcium Chloride are:

ROAD CONSTRUCTION . . . Faster, more economical road building programs for defense including both light-type service roads and stabilized bases for high-type pavement—are being made possible by Solvay Calcium Chloride Surface Consolidation and Stabilization methods . . . used for years by highway departments.

QUICKER, SAFER, BETTER QUALITY CONCRETE . . . Whether used in highway or structural concrete, Solvay Calcium Chloride provides the construction speed so important at this time. It also assures better curing, higher strength and increased density—all of which mean better quality concrete.

DUSTLAYING AND SURFACE BINDING . . . In addition to improving unpaved roads subject to heavy traffic, Solvay Calcium Chloride is also widely used for dustlaying and surface compaction on company streets, recreational fields, parade grounds, areas adjacent to mess halls, and other unpaved surfaces.

AIR-DRYING . . . The well-known moisture absorbing qualities of Solvay Calcium Chloride are being utilized in small, low cost equipment to pull moisture from the air, reduce excessive humidity in underground structures, vaults and storage rooms, etc.

ADDITIONAL USES . . . Other uses of Solvay Calcium Chloride which have found a place in the National Defense Program are: as a non-corrosive, low temperature refrigeration brine at large food centers; as a non-freezing, non-fouling solution in fire pails and barrels; to thaw frozen ground and prevent frost-heaving of "back fills" during winter construction.

For full information on any of the above uses of Solvay Calcium Chloride write to:

SOLVAY TECHNICAL SERVICE CONTRIBUTES ITS SHARE

The services and the years of experience of the Solvay Technical and Engineering Staff are at the disposal of Government Agencies to advise on the proper application of Solvay Calcium Chloride in various types of work. Solvay Technical Service Bulletins have also been made freely available and have been widely distributed to those engaged in National Defense Work.

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Dyes—Ethyl Oxyhydrate

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

165	Lake red C	lb.	.70	- .80
170	Fast red A	lb.	.56	- .60
180	Fast red VR	lb.	1.50	- 1.60
188	Lake red R, paste	lb.	.85	- .90
189	Lake red R, powd	lb.	3.00	- 3.10
	Sulphur tan	lb.	.30	- .50
202	Chrome blue black U	lb.	.32	- .40
204	Chrome black A	lb.	1.75	- 2.00
205	Fast red blue R	lb.	.75	- 2.00
216	Chrome red B	lb.	1.75	- 2.00
262	Cloth red 2B	lb.	.60	- .80
280	Fast cyanin 5R	lb.	.90	- 1.00
299	Chrome black F	lb.	.80	- .85
307	Fast cyanin black B	lb.	.80	- .85
326	Direct cast scarlet	lb.	2.00	- 2.25
304	Paper yellow	lb.	.83	- .90
353	Chrysophenin G	lb.	.58	- .70
394	Direct violet N	lb.	1.25	- 1.35
382	Direct scarlet B	lb.	1.50	- 1.75
397	Direct violet B	lb.	1.00	- 1.30
401	Developed black BHN,	lb.	.45	- .60
406	Direct blue 2B	lb.	.25	- .30
415	Direct orange R	lb.	.60	- .70
419	Direct fast red F	lb.	.75	- .85
420	Direct brown M	lb.	1.00	- 1.10
448	Benzo purpurin 4B	lb.	.40	- .42
493	Benzo purpurin 10B	lb.	.40	- .50
502	Direct azurin G	lb.	.75	- .80
512	Direct blue RD	lb.	.80	- 1.00
518	Direct pure blue 6B	lb.	1.10	- 1.25
520	Direct pure blue	lb.	.50	- 1.00
529	Direct fast black, FF	lb.	.55	- 1.00
581	Direct black EW	lb.	.25	- .50
582	Direct black RX	lb.	.35	- .45
592	Direct green B	lb.	.75	- .80
594	Direct green G	lb.	1.00	- 1.05
596	Direct brown 3GO	lb.	.85	- 1.00
620	Direct yellow R	lb.	1.25	- 1.50
696	Acid violet	lb.	1.00	- 3.00
812	Primulin	lb.	.50	- .52
814	Direct fast yellow	lb.	2.00	- 2.25
845	Nigrosin (water soluble),	lb.	.35	- .50
1177	Indigo, 20 p.c. paste	lb.	.15	- .18
	Benzo fast black L	lb.	.90	- 1.00
	Sulphur black	lb.	.20	- .25
	Sulphur blue	lb.	.40	- 1.00
	Sulphur brown	lb.	.25	- .50
	Sulphur maroon	lb.	.40	- —
	Sulphur olive	lb.	.25	- .54
	Sulphur yellow	lb.	.30	- .50
	Zambesi black	lb.	.75	- .80

Dyes, coaltar for stains, oil soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse):—

Black:—				
865	Nigrosin derivatives	lb.	.38	- .62
Blue:—				
1078	Alizarin astrol base	lb.	18.00	- —
1078	Alizarin cyanin green base	lb.	6.00	- —
Brown:—				
	Brown	lb.	1.15	- —
Green:—				
1078	Alizarin cyanin green	lb.	5.00	- —
	Green	lb.	.75	- —
Orange:—				
24	Sudan I	lb.	.75	- —
	Red shade	lb.	.75	- —
Red:—				
75	Sudan II	lb.	1.05	- —
258	Sudan IV	lb.	.95	- —
749	Rhodamine B (oil pink),	lb.	2.50	- —
1080	Anthraquinone violet base	lb.	6.00	- —
650	Oil violet	lb.	.50	- —
Yellow:—				
15	Amidoazobenzene yellow	lb.	.90	- —
17	Amidoazotoluene yellow,	lb.	.75	- —
61	Yellow OB	lb.	1.40	- —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—

Black:—				
864	Nigrosin	lb.	.38	- .44
Blue:—				
860	Indulin	lb.	.60	- .70
Brown:—				
331	Bismarck brown	lb.	1.50	- —
Green:—				
637	Malachite green base	lb.	2.00	- —
Orange:—				
20	Chrysoidin G	lb.	.95	- —
21	Chrysoidin R	lb.	.95	- —
Red:—				
677	Fuchsin, magenta base,	lb.	7.25	- —
749	Rhodamine B	lb.	4.75	- —
Yellow:—				
67	Amidoazotoluene yellow,	lb.	.75	- —
655	Auramine	lb.	2.00	- —
800	Chinolin yellow SS	lb.	2.00	- —
Violet:—				
680	Methyl violet base	lb.	.85	- —

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—

Black:—				
246	Naphthol blue black S	lb.	.50	- —
873	Methylene gray	lb.	1.50	- —
Blue:—				
714	Patent blue A	lb.	1.45	- —
729	Victoria blue B	lb.	2.00	- —
861	Indulin	lb.	.87	- —
909	New blue R	lb.	1.30	- —
922	Methylene blue	lb.	1.00	- —
1054	Alizarin saphirol B	lb.	1.90	- —
1180	Indigotin IA	lb.	.85	- —
Brown:—				
234	Resorcin brown Y	lb.	.65	- —
235	Resorcin dark brown R,	lb.	.66	- —
231	Bismarck brown G	lb.	.40	- .52
332	Bismarck brown R	lb.	.50	- .52
792	Phosphin	lb.	4.05	- —
Green:—				
5	Naphthol green B	lb.	1.00	- —
657	Malachite green	lb.	1.35	- —
662	Brilliant green	lb.	2.00	- —
666	Guinea green B	lb.	1.15	- —
737	Wool green S	lb.	.58	- —
924	Methylene green B	lb.	1.55	- —
1078	Alizarin cyanin green	lb.	2.35	- —
Orange:—				
10	Chrysoidin G	lb.	.40	- —
21	Chrysoidin R	lb.	.37	- —
27	Orange G	lb.	.50	- —
151	Orange Y	lb.	.30	- —
161	Orange R	lb.	.34	- —
31	Amidonaphthol red G	lb.	.42	- —
37	Amidonaphthol red 6B,	lb.	.48	- —
79	Poponeau R	lb.	.48	- —
88	Fast red B	lb.	1.05	- —
176	Fast red A	lb.	.54	- —
179	Azorubin	lb.	.60	- .62
183	Crocein scarlet 3BX	lb.	.72	- .75

Dyes, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel 3c. per lb. higher; f.o.b., sellers' works or warehouse):—

185	Cochineal red A	lb.	.60	- —
252	Brilliant crossin M	lb.	.68	- —
677	Fuchsin	lb.	2.10	- —
749	Rhodamine B	lb.	3.50	- —
752	Rhodamine 6G	lb.	4.50	- —
768	Eosin G	lb.	1.50	- —
841	Safranin	lb.	1.45	- —
Violet:—				
680	Methyl violet B	lb.	.75	- —
681	Crystal violet C	lb.	1.75	- —
695	Acid violet 4BN	lb.	.88	- —
Yellow:—				
10	Naphthol yellow S	lb.	.88	- —
138	Metanil yellow	lb.	.53	- —
636	Fast light yellow	lb.	1.25	- —
639	Xylene light yellow	lb.	1.15	- —
640	Tartrazin	lb.	.80	- —
655	Auramine	lb.	1.27	- —

Dyes, natural (see name of article).

E

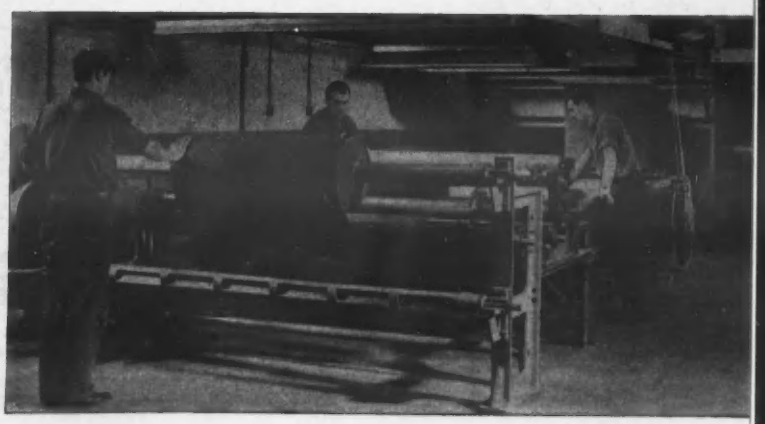
Echniacea root, bls	lb.	.18	- .19
Egg albumen (see Albumen).			
yolk, dried, dom., bbls	lb.	.70	- .75
imported	lb.	.67	- .69
Elder flowers, bright, bls	lb.	.75	- .80
Elecampane root, bls	lb.	.14	- .15
Elm bark, grinding, bls	lb.	.11	- .12
powd., bbls., bxs	lb.	.19	- .20
select, bndls	lb.	.19	- .21
Emetine hydrochloride, bots	oz.	24.00	-25.00
Ephedra, bls	lb.	.12	- .13
Ephedrine, USP hemihydrates, tins, 1,000 ozs.	oz.	.70	- —
100 ozs.	oz.	.80	- —
anhyd., dms., 1,000-oz. lots	oz.	.75	- —
100-oz. lots	oz.	.85	- —
Hydrochloride, tins, 1,000-oz. lots	oz.	.55	- —
100-oz. lots	oz.	.65	- —
Sulphate, cryst., tins, 1,000-oz. lots	oz.	.53	- —
100-oz. lots	oz.	.63	- —
Epsom salt, tech., bgs	100 lbs.	1.80	- —
bbls.	100 lbs.	1.90	- —
USP, cryst., dom., bgs., c.l., 100 lbs.		2.00	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.25	- —
smaller lots	100 lbs.	2.50	- —
bbls., c.l.	100 lbs.	2.10	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.35	- —
smaller lots	100 lbs.	2.60	- —
kgs., c.l.	100 lbs.	2.35	- —
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	2.60	- —
smaller lots	100 lbs.	2.85	- —
dried, bxs., l.c.l.	lb.	.08	- .09
Ergot, USP, cns., dms	lb.	1.80	- 1.90
Eserine, bots	oz.	50.00	-60.00
Salicylate, bots	oz.	42.00	-54.00
Sulphate, bots	oz.	42.00	-54.00
Ether, acetic (see Ethyl acetate).			
Butyl, l.c.l., dlvd	lb.	.25	- —
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs.,	lb.	.73	- —
Ether, sulphuric, conc., 310-lb. dms.	lb.	.11	- —
27-lb. dms	lb.	.16	- —
Synth., dms., c.l., work	lb.	.10	- —
l.c.l., works	lb.	.11	- —
tanks	lb.	.08	- —
USP, anesthesia, hospitals, 1-lb. cns.	lb.	.52	- .53
Ethyl acetate, 85-90%, dms., c.l., frt. alld.	lb.	.07½	- .08½
l.c.l., frt. alld	lb.	.08	- .09
tanks, frt. alld	lb.	.06½	- .07½
95-98%, dms., c.l., frt. alld.	lb.	.07¾	- .08¾
l.c.l., frt. alld	lb.	.08¼	- .09¼
tanks, frt. alld	lb.	.06¾	- .07¾
NF, 390-lb. dms	lb.	.08	- .08¾
cns., 35 lbs.	lb.	.13	- .14
Acetoacetate, dms., c.l., wks.	lb.	.27½	- —
l.c.l., dms., works	lb.	.28	- —
Benzoate, bots	lb.	1.00	- 1.25
Bromide, tech., dms	lb.	.50	- .55
Caproate, cns	lb.	1.00	- —
Chloride, dms	lb.	.18	- .20
Cinnamate, cns	lb.	3.50	- 3.75
Crotonate, 55-gal. dms., works,	lb.	.35	- —
1-gal. cns., works	lb.	1.00	- .—
5 and 10-gal. dms., works,	lb.	.75	- —
Formate, cns., dms	lb.	.25	- .26
Iodide, bots	lb.	3.50	- 3.60
Lactate, 55-gal. dms., works.	lb.	.33½	- —
5-gal. dms., works	lb.	.37½	- .39½
Oenanthate, dms	lb.	.75	- 1.25
Oxalate, dms., frt. alld	lb.	.25	- —
Oxyhydrate, bots	gal.	4.00	- 6.00

LIFE ON THE

(*Above*) **"FLOTATION" MILLING OF WHEAT** removes the splintery husk yet preserves the full nutritive elements of the grain. This new process, demonstrated by its inventor, Theodore Earle, makes possible a bread reported to be as nourishing as whole wheat but fine and smooth as white bread. As consumers gain by improved milling processes, so does the milling industry benefit by Cyanamid's Liquid HCN, the highly effective and efficient industrial fumigant.

(*Above*) **FROM BOTTLE WASHING TO FOUNDRY WORK,** many jobs are now accomplished b more easily and more economically by the utilization of AEROSOL* Wetting Ag Bottling companies find that small amounts of powerful AEROSOL OT in the rinse tion practically eliminate carry-over of labels and dirt. Foundry practice too has improved by the use of AEROSOL. Small quantities added to Bentonite or foundry speed the wetting or mixing operation. And as emulsifying agent for foundry core AEROSOL saves about 25 percent in quantity and cost of oil. Cyanamid's AEROSOL is the most powerful wetting agent commercially available for a wide range of indu processes. A booklet describing its many uses and advantages is available on req

(*Below*) **CARPETS WITHOUT WEAVING**—now being produced by anchoring fibers in sp rubber—are said to be unusually luxurious underfoot and long-wearing. Many Cyan chemicals aid in making better products in the textile and floor-covering indus



Ethyl, silicate, l.c.l., dms., wks. lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, std. cans, 5,000 lbs. or more, frt. alld..lb. .45 - —
less than 5,000 lbs., same basis..lb. .47 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0693- .0742
West of Rockies, same basis..lb. .0743- .0792
l.c.l., works, E. of Rockies, frt. alld..lb. .0746- .0795
West of Rockies, same basis..lb. .0792- .0841
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., wks. lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., wks. lb. .14½- —
l.c.l., works.....lb. .15½- .16½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —

Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.... .....lb. .80 - .90
Eucalyptus leaves, bls.....lb. .11 - .12
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .09 - .10

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works..ton. 9.75 -12.25
l.c.l., minimum 2 tons...ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons..ton.20.00 -22.00
Fennel seed, Argentine, bgs...lb. .16 - .16½
French, bgs.....lb. .35 Nom.
Indian, bgs.....lb. .11½- .12
German, large, bgs.....lb. .33 Nom.
Roumanian, bgs.....lb. .11½- .12
Fenugreek seed, bgs.....lb. .06½- .07
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works..lb. .12 - —
smaller lots, works....lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13 - —
smaller lots, works....lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works....lb. .15 - —
Fir balsam, Canada, cns.....gal.16.50 -17.00
Oregon, bbls.....gal. 1.10 - 1.25
Fish berries, bgs.....lb. .26 - .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures...unit-ton. 4.35 & .10
meal, bgs., f.o.b. Balto.....ton.61.00 -62.00
6-7% ammon., 3% phosphor. acid, bulk, So. Atlantic factories, contracts....unit-ton. 2.75 & .50
sardine, Japanese, 11½% ammon., bgs., c.i.f. ports..ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —
Fleaseed, French, black, bgs..lb. .55 - .60
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines.. net ton.29.00 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines..net ton.19.00 -21.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.19.00 -21.00
imported, 85.5, duty paid, short ton. No prices
Formaldehyde, bbls., c.l., works, lb. .0350- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0515- —
l.c.l., works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.15.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25

Ethyl Silicate—Grease

Furfural, tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls.....lb. .24 - .25
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .08 - .08½
plantation, cases.....lb. .11 - .11½
cubes, Singapore, cases..lb. .10 Nom.
extract, bbls.....lb. .09½- .12
Gasoline at refinery:—
Bayonne, US motor, tanks, ex tax..gal. .0680- —
California (f.o.b. San Francisco), regular, trucks, tax incl..gal. .14 - —
Gulf Coast, US motor, 72-74 octane, tanks, ex tax..gal. .06½- —
Louisiana-Arkansas, US motor, 72-74 octane, tanks, ex tax..gal. .04½- .04⅝
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax..gal. .05 - .05½
natural, 18-55, tanks....gal. .03⅞- .04
26-70, tanks.....gal. .03¼- .03⅜
Gelatine, silver, cs.....lb. .60 - .67
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .55 - .57
grd., bbls., bxs.....lb. .59 - .61
powd., bbls., bxs.....lb. .60 - .62
Geraniol, 92-98%, cns., dms...lb. 1.41 - 2.05
other grades, cns., dms.....lb. 1.25 - 1.85
soap, cns., dms.....lb. .65 - 1.00
Ginger, African, No. 1, bgs....lb. .13 - .13½
Cochin, lemon, nearby, bgs.lb. .12¾- .12⅞
Jamaica, bold, bgs.....lb. .17½- .18
medium, bgs.....lb. .16½- .17
grinding, bright, bgs.....lb. .16 - .17
Japanese, bgs.....lb. No stocks
Ginseng root, wild Southern, cs. lb.12.00 -12.50
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works, 100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams. bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58 bgs., c.l., dlvd.....lb. .13½- —
l.c.l., dlvd.....lb. .14 - —
58/82 bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —
82/106 millipoise, bgs., c.l., dlvd..lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
hide, calcimine type, 58 millipoise, 135 jellygrams, bgs., c.l., dlvd. East Middlewest. lb. .17 Nom.
l.c.l., same basis.....lb. .17½ Nom.
66/164, bgs., c.l., same basis, lb. .18½ Nom.
l.c.l., same basis.....lb. .19 Nom.
67/122, bgs., c.l., same basis, lb. .19½ Nom.
l.c.l., same basis.....lb. .20 Nom.
75/222, bgs., c.l., same basis, lb. .23½ Nom.
l.c.l., same basis.....lb. .23½ Nom.
68/251, bgs., c.l., same basis, lb. .23½ Nom.
l.c.l., same basis.....lb. .24½ Nom.
82/283, bgs., c.l., same basis, lb. .24½ Nom.
l.c.l., same basis.....lb. .25½ Nom.
102/315, bgs., c.l., same basis..lb. .25½ Nom.
l.c.l., same basis.....lb. .26 Nom.
113/347, bgs., c.l., same basis..lb. .26 Nom.
125/379, bgs., c.l., same basis..lb. .27 Nom.
l.c.l., same basis.....lb. .28 Nom.
Glue prices for barrel packing, ½c. per lb. higher; grinding charge, 20-40 mesh, ½c. per lb.; 60 mesh, 1c. per lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .12¼- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd..lb. .10¼- —
l.c.l., same basis..lb. .11¼- —
tanks .....lb. .09¾- —
refiners, dms, returnable, tanks, dlvd..lb. .08¼- .08⅝
soaplye, basis 80%, dms., returnable, tanks, dlvd..lb. .07½- .07⅝
Glycine, medicinal, bbls., tins.lb. 1.70 - 2.00
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .35 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price....oz.35.00 - —
Chloride, acid brown, both..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs....lb. .16 - .16½
Goldenseal, root, bls.....lb. 2.50 - 2.65
powd., bxs.....lb. 2.75 - 2.80
Grains of paradise, bgs.....lb. .40 - .41
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphite carbon, bgs., c.l., works..lb. .07 - —
bbls., c.l., works.....lb. .07½- —
l.c.l., works.....lb. .07½- —
Amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works..lb. .02½- —
l.c.l., works.....lb. .03½- —
bbls., c.l., works.....lb. .02¾- —
80% graphite, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house.....lb. .07 Nom.
white .....lb. .07½ Nom.
yellow .....lb. .07½ Nom.
Wool (see Adeps lanae and Degras).

CHEMICAL NEWSFRONT

(Above) **PLASTICS DIVISION** is the new name of Beetle Products Division of American Cyanamid Company, a change indicating the Company's increasing activities in plastics. Shown above are three recent samples of representative products which owe much of their striking beauty, color, luster and durability to BEETLE** plastics: an electric pencil sharpener, flashlight cases, and clock. Other fields where BEETLE is widely used include packaging, tableware, handles and knobs, housings, and wiring devices. Translucent BEETLE is similarly enlarging its usefulness in the lighting industry, where it has been accepted as the ideal light diffusing medium. Rapid development of additional types of Cyanamid synthetic resins, such as MELMAC†, has made imperative an expansion in organization of Cyanamid's plastic research and production.

(Left) **SHRINKAGE IS REDUCED** and fabric life greatly lengthened according to claims for a new chemical and latex process. Photo compares (left to right) an unlaundered new sock, a processed sock laundered 50 times, and an unprocessed sock laundered 50 times. Wearing qualities, moreover, are said to be approximately doubled for such garments as suits, coats, gloves and underwear. Feel and flexibility are not affected. The process consists of depositing, within the weave or knit, minute particles of latex solids, which "rivet" the fibers together and add remarkably to their durability.

...) **PAPERBOARD HANDLES EASILY** and shapes to die more readily when special Cyanamid wax are used as plasticizers. Boxboard is also pro-d against water penetration at folded edges and ers by a Cyanamid flexible size. The develop-t of new chemicals is continually broadening ses of paper. Cyanamid offers the paper indus-variety of new and useful chemical specialties.

American Cyanamid & Chemical Corporation
A Unit of American Cyanamid Company
30 ROCKEFELLER PLAZA NEW YORK CITY, N. Y.
*Trade-mark of American Cyanamid & Chemical Corporation applied to wetting agents of its own manufacture.
**Trade-mark of American Cyanamid Company applying to urea products manufactured by it.
†Trade-mark of American Cyanamid Company. These resins are manufactured under one process by it.

Green, Chrome—Larkspur Seed

Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½ - —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½ - —
31-35%, bbls., same basis.lb. .25½ - —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½ - —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
color content 9-10%, bbls., same basis..lb. .06¾- —
11-13%, bbls., same basis, lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
17-19%, bbls., same basis, lb. .07¾- —
20-21%, bbls., same basis, lb. .08 - —
22-23%, bbls., same basis, lb. .08¼- —
24-25%, bbls., same basis, lb. .08½- —
26-27%, bbls., same basis, lb. .08¾- —
28-29%, bbls., same basis, lb. .09¼- —
30-31%, bbls., same basis, lb. .10 - —
32-33%, bbls., same basis, lb. .11¼- —
34-35%, bbls., same basis, lb. .12¼- —
36-40%, bbls., same basis, lb. .14¼- —
41-45%, bbls., same basis, lb. .16¼- —
46-50%, bbls., same basis, lb. .16¾- —
51-55%, bbls., same basis, lb. .17¼- —
56-60%, bbls., same basis, lb. .17¾- —
61-65%, bbls., same basis, lb. .18¼- —
66-70%, bbls., same basis, lb. .19¼- —
71-75%, bbls., same basis, lb. .20¾- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .23
Tetrahydroxide, bbls.....lb. .65 - —
Paris (see P).
Tungstated, brilliant, kgs...lb. 3.50 - —
emerald, kgs.....lb. 2.25 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .35
strained, cs.....lb. .85 - .90
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.55 Nom.
Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
Gum, guarana, powd., cs.....lb. 1.20 - 1.25
Aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber sort, cleaned, bgs..lb. .16 Nom.
white, sorts, 1, bgs.....lb. .35 - .36
powd., bbls.....lb. .19 - .21
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 2.50 - 2.60
Sumatra, cs.....lb. .23 - .24
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .40 - .42
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Francisco..lb. .49½- —

Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gum prices on 80,000 lbs. min. apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.

2, water white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .13¾- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .12¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis, lb. .23¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09½- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same bals..lb. .19½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22, small mixed nubs, bgs., same basis..lb. .10¾- —
Gum, copal Congo, 23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
26, pale small nubs, c.l., same basis..lb. .10¾- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .06 - —
chips, bgs., c.l., same basis, lb. .05¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05¼- —
black, bold, scraped, bgs., c.l., same basis..lb. .08¾- —
unscraped, b g s., c.l., same basis..lb. .05¾- —
nubs and chips, bgs., c.l., same basis..lb. .06½- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .12¾- —
chips, bgs., c.l., same basis, lb. .06¾- —
dust, bgs., c.l., same basis, lb. .05½- —
nubs, bgs., c.l., same basis..lb. .10½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .08½- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis, lb. .12¾- —
light, bskts., c.l., same basis..lb. .15¾- —
Loba A, bskts., c.l., same basis..lb. .11¾- —
B, bskts., c.l., same basis, lb. .11¾- —
C, bskts., c.l., same basis, lb. .11¼- —
CNE, bskts., c.l., same basis..lb. .08½- —
D, bskts., c.l., same basis, lb. .12¾- —
DK, bskts., c.l., same basis, lb. .08 - —
dust, bskts., c.l., same basis..lb. .06 - —
Sambas and white split chips, bskts., c.l., same basis..lb. .15¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06 - —
Spirit-soluble, CBB, bskts., same basis..lb. .10¾- —
DBB, bskts., c.l., same basis..lb. .10 - —
MA, bskts., c.l., same basis, lb. .07¾- —
MB, bskts., c.l., same basis, lb. .07¼- —
WS,bskts., c.l., same basis, lb. .10 - —
A/D, cs., c.l., same basis, lb. .13¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .08 - —
chips, pale, bskts., c.l., same basis..lb. .11¾- —
pale, small, bskts., c.l., same basis..lb. .09 - —
extra pale, sorts, bskts., c.l., same basis..lb. .10½- —
nubs, bskts., c.l., same basis..lb. .13¼- —
scraped, bskts., c.l., same basis..lb. .14¾- —
seeds and dust, bskts., c.l., same basis..lb. .06¾- —
Pontianak, bold, genuine bgs., same basis..lb. .15¾- —
mixed, bgs., c.l., same basis, lb. .14¾- —
split, bgs., c.l., same basis, lb. .13¾- —
chips, bgs., c.l., same basis, lb. .10 - —
nubs, bgs., c.l., same basis, lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21¾- —
A/C, cs., c.l., same basis..lb. .15¼- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .14¾- —
D, cs., c.l., same basis...lb. .13¼- —
dust, cs., c.l., same basis.lb. .07¾- —
E, cs., c.l., same basis...lb. .10 - —
F, cs., c.l., same basis...lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16¾- —
2, cs., c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis....lb. .07¼- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07¼- —
seeds, cs., c.l., same basis.lb. .09¾- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, c.l., dms., contract or spot, dlvd. N. Eng., N. Y., N. J., Pa., Va., N. C., Ky., Ohio, Ind., Mich., Wis. and Ill..lb. .06 - —
Mont., Idaho, Wyo., Nev., Utah, Col., Ariz., N. Mex. and Western Tex..lb. .06¾- —
Pacific Coast (water shipt.)..lb. .06½- —
Other points.....lb. .06¼- —

For delivery of 3,000 pounds, prices are ¼c. per pound higher than the above in each case; for delivery of smaller lots, prices are ½c. per pound higher in each case.

Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.05 - 1.10
Gamboge, pipe, cs.....lb. .95 - 1.00
powd., bbls.....lb. 1.05 - 1.10
Ghatti, soluble, ogs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resins).
Karaya, bbls., bxs., dms.....lb. .14 - .33
Kauri, brown, XXX, cs., c.l..lb. .60 - —
BX, cs., c.l., same basis..lb. .35 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12¼- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis....lb. .41 - —
2, cs., c.l., same basis....lb. .24 - —
3, cs., c.l., same basis....lb. .11¾- —
Gum, kino, tins.....lb. No prices
Kino, tins.....lb. No prices
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs.....lb. 1.50 - 1.65
Myrrh, USP, cs.....lb. .50 - .55
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .35
Opium (see O.).
Rosin (see R).
Sandarac, cks.....lb. .52½- .55
Scammony, cs.....lb. 1.10 - 1.75
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....280 lbs.13.00 -15.25
Tragacanth, Alleppo, 1 cs....lb. 2.75 - 2.85
2 cs.....lb. 2.45 - 2.60
3 cs.....lb. 2.10 - 2.20
Yacca, bgs.....lb. .03¼- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kan., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.27.65 - —
New Brighton, N.Y.; frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.18.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Akron, N.Y.; Blue Rapids, Kans.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southard, Okla.; Sweetwater, Tex.; frt. equald., ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., Harlem River, N. Y..ton.12.00 - —
Import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .45 - .46
Heliotropin, cryst., cns.....lb. 3.00 - 3.40
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .06½- .07
Henbane leaves, bls.....lb. 2.50 - 2.75
Henna leaves, bls.....lb. .30 - .32
powd., bbls., bxs.....lb. .35 - .37
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09 - —
Hexaldehyde, normal, dms., c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipment, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3.. gal. .24 - —
l.c.l., 5 or more, dlvd., Group 3..gal. .29 - —
1-5, dlvd., Group 3.....gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works...lb. .23 - —
Homatropine hydrobromide, 25 oz., bots..oz.17.50 -18.00
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit. 2.75 - 2.80
Hops, N.F., bls.....lb. .20 - .21
Horehound, bls.....lb. .11 - .12
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 oz...oz.20.00 - —
Sulphate, bots, 4 oz.....oz.21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. 100 vols., cbys., E. of Miss. River: West Coast via Panama Canal..lb. .16 - 19½
Hydroquinone, dealers, bbls., dms, lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.50 - 2.75
Hyoscine hydrobromide, bots..oz.65.00 -85.00
Hydrochloride, bots.....oz.74.00 -75.00
Hyoscyamine, bots.....oz.21.25 -22.25
Hydrobromide, bots.....oz.21.25 -22.25
Sulphate, bots.....oz.21.25 -22.25
Hypernic, ext., liquid, 50°, bbls, lb. .14 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.67 - —
kgs., 150 lbs., less 5%, ex whse, Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
beta, bots.....lb. 3.90 - 3.95
Methyl, alpha, 100%, cns....lb. 4.35 - —
Ipecac root, bgs.....lb. 1.65 - 1.95
powd., bxs.....lb. 1.75 - 2.05
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .38
prime bleached, bls.....lb. .32 - .35
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms..100 lbs. 4.65 - 6.25
180-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .05½- .06
liquor, cbys., wks., frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
solut. cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .....lb. .07½- —
Citrate, USP VIII, pearls...lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, bbls., dms...lb. 1.50 - 1.60
Iodide, bots.....lb. 3.18 - 3.32
syrup, cbys.....lb. .49 - .49
bots.....lb. .53 - —
Nitrate, red, tech., dms.....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - .49
cns.....lb. .52 - —
scales, cns.....lb. .82 - .85
Oxide, black, bbls., works...lb. .08 - —
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Coppers and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
pearls, 2,000-lb. lots, dms.. lb. .32 - —
200-lb. lots, dms.....lb. .35 - —
scales, 2,000-lb. lots, dms.. lb. .44 - —
200-lb. lots, dms.....lb. .47 - —
Prices on green are the same as for brown.
Iron-ammonia oxalate, bbls...lb .23½- —
dms., kgs.....lb. .25½- —
Iron-soda oxalate, bbls.....lb. .23½- —
dms.....lb. .25½- .26¼
Isobutylacetate, 55-gal. dms., works..lb. .0790- —
tanks, works.....lb. .0690- —
Propionate, dms., works.....lb. .09½- —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropylamine, dms., works...lb. .35 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .11 - .12
55 gals., c.l., E. of Rockies, frt. alld..lb. .07½- .08¼
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .08 - .09
tanks, E. of Rockies, frt. alld..lb. .06½- .07¼
Alcohol (see Alcohol).
Ether, dms., 5 gals., frt. alld., gal. .35 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .30 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, NF, bls.....lb. .34 - .45
powd., bbls., bxs.....lb. .39 - .50
resin, lump, 100-lbs. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. Nominal

K

Kamala, tins.....lb. .30 - .32
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0520- —
California (f.o.b. San Francisco) truck..gal. .11½- —
Gulf ports, p.w., bulk....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04¼
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04¼- .04½
Pennsylvania, 45 w.w., tanks, gal. .05¼- .05¼
Kieserite, cal., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs. 9.50 - 9.60
Middlewestern, trcs....100 lbs. 9.15 - 9.25
Neutral, trcs.....100 lbs. 9.75 -10.00
Western, choice, trcs...100 lbs. 9.25 - 9.35
Compound, trcs.....100 lbs.11.75 -12.00
Larkspur seed, bgs.....lb. 2.10 Nom.

Laurel berries, bls.	lb.	.25 - .26
Leaves, Greek, bls.	lb.	.52 - .54
Portuguese, bls.	lb.	.54 - .55
Lavender flowers, ordinary, bls.	lb.	.60 - .65
medium, bls.	lb.	.80 - .85
select, bls.	lb.	.90 - .95
Lead acetate, white, broken, bbls.,	lb.	.11 - —
cryst., bbls.	lb.	.11 - —
gran., bbls.	lb.	.11¾-
powd., bbls.	lb.	.11¾- —
Arsenate, bgs., c.l.	lb.	.09 - .09½
l.c.l., bgs.	lb.	.09½- .10
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.		
Blue, basic sulphate, bbls., c.l., dlvd. E.	lb.	.06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.06¼- —
l.c.l., dlvd. E.	lb.	.06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07 - —
Carbonate (see Lead, white).		
Chloride, fib. dms., 100 lbs.	lb.	.49 - —
Iodide, NF V, powd., 5-lb. bots.	lb.	2.80 - —
jars	lb.	2.69 - —
Linoleate, pale, precip., dms.,	lb.	.19 - —
Metal (see daily quotations in market report).		
Metallic, paste, 200-lb. cont., f.o.b. works	lb.	.10 - —
5-lb. cont., f.o.b. works	lb.	.22 - —
Nitrate, bbls.	lb.	.11 - .14
Peroxide, powd., bbls., tech.	lb.	.23 - —
Oleate, bbls.	lb.	.18½- .20
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0860- —
Other points	lb.	.0885- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. Cascade Mts. in Ore. and Wash.	lb.	.09 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09½- —
Colo., Mont., N. Mex., Wyo.	lb.	.09¼- —
Other points	lb.	.08¾- —
smaller lots, Ala., etc.	lb.	.09¼- —
Ariz., etc.	lb.	.10 - —
Colo., etc.	lb.	.09¾- —
other points	lb.	.09¼- —
97% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc.	lb.	.0885- —
other points	lb.	.0860- —
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.08¼- —
Ariz., etc.	lb.	.09¾- —
Colo., etc.	lb.	.07½- —
other points	lb.	.09 - —
smaller lots, dlvd. Ala.	lb.	.09¾- —
Ariz., etc.	lb.	.10¼- —
Colo., etc.	lb.	.10 - —
other points	lb.	.09½- —
98% Pb_3O_4, bbls., c.l., (20 tons), dlvd. Ala., etc.	lb.	.0910- —
other points	lb.	.0885- —
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.09½- —
Ariz., etc.	lb.	.10 - —
Colo., etc.	lb.	.09¾- —
other points	lb.	.09¼- —
smaller lots, dlvd. Ala., etc.	lb.	.10 - —
Ariz., etc.	lb.	.10½- —
Colo., etc.	lb.	.10¼- —
other points	lb.	.09¾- —
in oil, 95% min., 100-lb. kgs.,	lb.	.12½- —
Resinate, fused, 15%, bbls.	lb.	.09½- —
pale, bbls.	lb.	.11½- —
Silicate, bgs., 5 tons	lb.	6.59 - —
smaller lots	lb.	7.01 - —
Stearate, bbls.	lb.	.25 - —
Sulphate (see Lead, white basic sulphate).		
Titinate, bgs. or bbls., c.l. (20 tons), works, frt. alld.	lb.	.10¼- —
l.c.l., 5 tons, one delivery, E., frt. alld.	lb.	.10½- —
Pac. Cst., ex whse.	lb.	.10½- —
smaller lots, E. frt. alld.	lb.	.10¾- —
Pac. Cst., ex whse.	lb.	.10¾- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo.	lb.	.07¾- —
other points	lb.	.07½- —
l.c.l., dlvd. Ariz., etc.	lb.	.08 - —
other points	lb.	.07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc.	lb.	.06¾- —
other points	lb.	.06½- —
l.c.l., dlvd. Ariz., etc.	lb.	.07 - —
other points	lb.	.06¾- —
in oil, 100-lb. kgs., consumers,	lb.	.13¼- —
dealers	lb.	.11¼- —
painters	lb.	.12¼- —
Consumers' prices and painters' prices are ½c. lower on orders of 500 lbs. or more.		
Lecithin, 100%, cns., f.o.b., N. Y. or Chi.	lb.	2.50 - —
edible, grade 1, dms., c.l., same basis.	lb.	.45 - —
l.c.l., same basis.	lb.	.47½- .65
grades 2 or 3, dom., c.l., same basis.	lb.	.47½- —
l.c.l., same basis.	lb.	.50 - .67½
grade 4, dms., c.l., same basis.	lb.	.50 - —
l.c.l., same basis.	lb.	.52½- .70
purified, cs., dms., c.l., same basis.	lb.	.65 - —
l.c.l., same basis.	lb.	.67½- .85
tech., grade 1, dms., c.l., same basis.	lb.	.35 - —
l.c.l., same basis.	lb.	.37½- .55
grade 2 or 3, dms., c.l., same basis.	lb.	.37½- —
l.c.l., same basis.	lb.	.40 - .57½
grade 4, dms., c.l., same basis,	lb.	.40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.		
Lemon peel, bls.	lb.	.20 - .25
Licorice extract, mass, cs.	lb.	No prices
powd., bbls.	lb.	No prices
root, cuttings, bls.	lb.	.24 Nom.
powd., bbls., bxs.	lb.	.22 - .23
select, bdls., cs.	lb.	.90 Nom.

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.

Bellefonte, Pa.	ton.	7.00 - —
Berkley, W. Va.	ton.	7.00 - —
Carey, Ohio.	ton.	7.00 - —
Cedar Hollow, Pa.	ton.	8.50 - —
Crab Orchard, Tenn.	ton.	6.25 - —
Eagle Mountain, Va.	ton.	7.00 - —
Farnams, Mass.	ton.	8.00 - —
Gibsonburg, Ohio.	ton.	7.00 - —
Hannibal, Mo.	ton.	6.50 - —
Keystone, Ala.	ton.	7.00 - —
Knoxville, Tenn.	ton.	6.25 - —
Limedale, Ark.	ton.	7.00 - —
Longview, Ala.	ton.	6.25 - —
Manistique, Mich.	ton.	8.00 - —
Martinsburg, W. Va.	ton.	7.00 - —
Menominee, Mich.	ton.	8.00 - —
Mitchell, Ind.	ton.	8.50 - —
Newala, Ala.	ton.	6.25 - —
Rincon, Cal.	ton.	13.00 - —
Ripplemead, Va.	ton.	7.00 - —
Riverton, Va.	ton.	7.00 - —
San Francisco, Cal.	ton.	13.00 - —
Scioto, Ohio.	ton.	6.50 - —
Springfield, Mo.	ton.	7.00 - —
Woodville, Ohio.	ton.	7.00 - —
York, Pa.	ton.	7.00 - —

Hydrated, paper bgs., f.o.b.

Bellefonte, Pa.	ton.	8.50 - —
Berkley, W. Va.	ton.	8.50 - —
Buffalo, N. Y.	ton.	10.00 - —
Carey, Ohio.	ton.	8.50 - —
Cedar Hollow, Pa.	ton.	8.00 - —
Crab Orchard, Tenn.	ton.	9.00 - —
Eagle Mountain, Va.	ton.	9.00 - —
Farnams, Mass.	ton.	8.50 - —
Gibsonburg, Ohio.	ton.	8.50 - —
Hannibal, Mo.	ton.	8.50 - —
Keystone, Ala.	ton.	9.00 - —
Knoxville, Tenn.	ton.	9.00 - —

Lime, hydrated, paper bgs., f.o.b.

Le Roy, Minn.	ton.	10.00 - —
Lime Crest, N. J.	ton.	8.50 - —
Limedale, Ark.	ton.	9.00 - —
Longview, Ala.	ton.	9.00 - —
Louisville, Ky.	ton.	14.50 - —
Manistique, Mich.	ton.	9.00 - —
Marblehead, Ohio.	ton.	9.50 - —
Martinsburg, W. Va.	ton.	8.50 - —
Mitchell, Ind.	ton.	9.00 - —
Newala, Ala.	ton.	9.00 - —
Potoakey, Mich.	ton.	9.00 - —
Port Island, Mich.	ton.	9.00 - —
Rapid City, S. D.	ton.	12.00 - —
Ripplemead, Va.	ton.	9.00 - —
San Francisco, Cal.	ton.	16.00 - —
Springfield, Mo.	ton.	9.00 - —
Woodville, Ohio.	ton.	8.50 - —
York, Pa.	ton.	8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00 - —
Carey, Ohio.	ton.	11.00 - —
Farnams, Mass.	ton.	9.50 - —
Gibsonburg, Ohio.	ton.	11.00 - —
Lime Crest, N. J.	ton.	8.50 - —
Marblehead, Ohio.	ton.	11.00 - —
Scioto, Ohio.	ton.	10.00 - —
Woodville, Ohio.	ton.	11.00 - —
York, Pa.	ton.	9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kans., Okla., Tex.	lb.	.07½-	.08½
dms., same basis.	lb.	.10½-	—
400 lbs., or more, bgs., same basis.	lb.	.07¾-	.08¾
dms., same basis.	lb.	.11 -	—
less than 400 lbs., same basis.	lb.	.08½-	.09½
dms., same basis.	lb.	.12 -	—

Laurel Berries—Lime-Sulphur

Lime sulphur solution, Zone 1, dms., consumers.	gal.	.16 - —
Zone 2, tanks, dealers, wks.,	gal.	.08½- —
30-50, dms.	gal.	.11 - .16
Zone 3, tanks, dealers, dlvd.,	gal.	.07½- —
30-50 dms.	gal.	.10½- .14½
Zone 4, tanks, dealers, wks.,	gal.	.08 - —
dms., wks., except Cal.	gal.	.12 - —
Zone 5, tanks, dealers, dlvd.	gal.	.10½- —
dms.	gal.	.12 - —
Zone 6, tanks, dealers.	gal.	.07½- —
30-50 dms.	gal.	.10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn river. Zone 2: New England States. Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minns., Mo. and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

RCI

Chemical Colors

Red Lake C Toners

No. 5416 Red Lake C Toner is a new Barium Salt, resinated pigment—a companion product to No. 5415 Red Lake C Toner, already familiar to formulators as a non-resinated Barium pigment.

Both RCI Red Lake C Toners have a brilliant, clear top and undertone and exceptionally strong tinting strength. They are recommended for formulations requiring greater light fastness than can be had from Orange Toners. The orange color can be closely matched by blends of No. 5415 or No. 5416 Red Lake C Toner and No. 1570 Fast Yellow Toner B, Light.

The introduction of No. 5416 Red Lake C Toner demonstrates the completeness of the RCI chemical color line. For every formulating requirement, check the RCI line first. Your inquiries are invited.

REICHHOLD CHEMICALS, INCORPORATED

CHEMICAL COLOR DIVISION

Factory: BROOKLYN, N. Y. *General Offices:* DETROIT, MICH.

RCI WORLD-WIDE DISTRIBUTION

Linalool—Methanol

Linalool, cns.....lb. 3.10 - 4.00
Linalyl acetate, 70%, cns.....lb. 2.75 - 3.50
90%, cns.....lb. 3.75 - 4.45
92%, cns.....lb. 4.25 - 5.00
Linden flowers, with leaves, bls.lb. .50 - .65
without leaves, bls.....lb. .55 Nom.
Linseed cake, bgs., export...ton.21.00 Nom.
meal, bgs.....ton.24.00 - —
Litharge, com'l powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark.; Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0760- —
Other points.....lb. .0735- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
Other points.....lb. .07¾- —
smaller lots, dlvd., Ala.lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
Other points.....lb. .08¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.95 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, NF VI, 250-lb. bbls..lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 28-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 5.20 - —
25-lb. jars.....lb. 5.05 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots.....lb. .05½- —
bbls., c.l. (20 tons).....lb. .05¼- —
smaller lots.....lb. .05¾- —
ordinary, bgs., c.l. (20 tons).lb. .0430- —
smaller lots.....lb. .0410- —
bbls., c.l. (20 tons).....lb. .0410- —
smaller lots.....lb. .0435- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort, leaves, bls.....lb. .60 - .65
Lobelia, herb, bls.....lb. .23 - .25
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.....lb. .10½- .12½
solid, bxs.....lb. .16½- .20½
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N.F., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.50 - 4.75

M

Mace, Banda, cs.....lb. .47 - .48
Batavia, cs.....lb. .30 - .31
Sinaw. cs.....lb. .37 - .38
West Indian, cs.....lb. .39 - .39½
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls. .....lb. .07½- —
kgs. .....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls. .....lb. .08¼- —
kgs. .....lb. .09½- —
USP, Zone 1, c.l., bgs.....lb. .06 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls. .....lb. .09½- —
kgs. .....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .06 - —
bbls. .....lb. .08½- —
kgs. .....lb. .09¾- —
l.c.l., bgs.....lb. .08¾- —
bbls. .....lb. .09¼- —
kgs. .....lb. .10½- —
Other points.....lb. .08 - —
Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., c.l. shipments, frt. equald, with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.
Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
flake, dom., bbls., wks., c.l., tons.32.00 - —
l.c.l., bbls., wks.....ton.39.00 -42.00
Hydroxide, med., 200-lb. bbls.lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphite, cns., 100 lbs..lb. 1.45 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.25
Silicate (see Talc).
Silicofluoride, bbls.....lb. .11 - .11¼
Stearate, bbls., ctns., c.l.....lb. .23 - —
1 ton.....lb. .24 - —
1,000-2,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .40 - —
smaller lots, dms.....lb. .45 - —
cs., 500-lb. lots.....lb. .42 - —
100-lb. lots.....lb. .45 - —
5-lb. cns.....lb. .63 - —
Magnesite, cal., dom., bgs...ton.67.00 -75.00
imports, bgs., duty paid..ton. No prices
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.22.00 -25.00
Malva flowers, black, bls.....lb. .90 - .95
blue, bls.....lb. .90 - .95
Leaves, bls.....lb. .40 - .45
Manaca root, bls.....lb. .23 - .24
Mandrake root, bls.....lb. .12 - .13
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12¼
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.71.50 - —
5-15 tons, works.....ton.74.50 - —
¼-4 tons, works.....ton.79.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works.....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works...ton.74.75 - —
smaller lots, works...ton.79.75 - —
paper bgs., c.l., works...ton.70.00 - —
l.c.l., 5 tons, works....ton.73.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.90 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.70 - —
jars, 25 lbs.....lb. 5.55 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .71 Nom.
Resinate, fused, 3½%, bbls..ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., ton lots, wks., lb. .10¼- —
single, bbls., works.....lb. .10¾- —
fertilizer, 65%, MnSo., bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.36.00 - —
Manna flake, large, cs.....lb. 2.00 Nom.
small, cs.....lb. 1.50 Nom.
Mannitol, com'l grade, bbls., ton lots, works..lb. .35 - —
smaller lots, works.....lb. .40 - —
reagent grade, 50-lb. cs., or multiples, works..lb. .85 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, No. 1.....lb. .60 - .61
Tunisan, bls.....lb. .33 Nom.
Chilean .....lb. .10 - .10½
Menthol, natural, Chinese, cs..lb. 4.05 - 4.15
Japanese, cs.....lb. 4.10 - 4.20
synthetic, USP, cs.....lb. 3.65 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.34 - —
25 lbs.....lb. 1.36 - —
50%, pails, 50 lbs.....lb. 1.94 - —
25 lbs.....lb. 1.96 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 2.82 - —
100-lb. fib. dms.....lb. 2.69 - —
25-lb. jars.....lb. 2.71 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd. .....lb. 4.00 - 4.05
Iodide, red, NF, 5-lb. bots...lb. 4.51 - —
100-lb. fib. dms.....lb. 4.40 - —
yellow, 5-lb. bots.....lb. 4.61 - —
fib. dms., 100 lbs.....lb. 4.50 - —
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate).
tech. (see Red, mercury oxide).
yellow, tech. (see Yellow, mercury oxide).
NF VI, fib. dms., 50 lbs., or more..lb. 3.18 - —
Mercury and chalk, 5-lb. ctns..lb. 1.65 - —
25-lb. fib. dms.....lb. 1.73 - 1.75
Mesityl oxide, dms., c.l., dlvd..lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
Metal leaf, Japanese, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 2.50 - —
composition, 5½x5½ in....pkg. 3.00 - —
gold, XX, deep, 23K, 3⅜x3⅜ in. pkg.15.00 - —
silver, 3⅜x3⅜ in.....pkg. 3.00 - —
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade tanks...gal. .50 - —
95%, tanks.....gal. .46 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Miss. river. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

group B, pure, tanks, frt. alld. Zone 1..gal. .30 Nom.
Zone 2.....gal. .32 Nom.
Zone 3.....gal. .34 Nom.
Zone 4.....gal. .34½ Nom.
dms., c.l., Zone 1.....gal. .35½ Nom.
Zone 2.....gal. .37½ Nom.
Zone 3.....gal. .39½ Nom.
Zone 4.....gal. .41½ Nom.

UVERSOL COMBINATION SOLID DRIERS

Harshaw Naphthenate Type

Available in standard ratios of Manganese to Lead—
1:5 Uversol Lead Manganese Solid No. 4623 (4.6% Mn, 23% Pb)
1:8 Uversol Lead Manganese Solid No. 3528 (3.5% Mn, 28% Pb)
1:10 Uversol Lead Manganese Solid No. 303 (3% Mn, 30% Pb)
1:16 Uversol Lead Manganese Solid No. 232 (2% Mn, 32% Pb)
And also Cobalt to Lead—
1:10 Uversol Cobalt Lead Solid No. 330 (3% Co, 30% Pb)

Characteristics:
Definitely uniform metal content
Low cost per unit of metal contained
Semi-brittle solids—easily removed from drum
Excellent stability in oils, spirits, varnishes
Light colored solution in mineral spirits
May be added to varnish in kettle on the down heat
Low melting point permits the making of Japan and oil type driers by a low temperature kettle operation.

EXPAND STACK CAPACITY

Meet today's rushed production schedules, save time by using Harshaw Uversol Combinations in Japans and oil type driers. Instead of less soluble type driers which require extensive cooking operations, Uversol Combinations are incorporated in your formulations by simply melting with gums and oils at relatively low temperatures, reducing manufacturing time to a minimum . . . In addition to this time saving factor, Uversol Combinations produce lighter colored driers, free of sludge and uniform in metal content from batch to batch.

THE HARSHAW CHEMICAL CO.

Offices and Laboratories: Cleveland, Ohio
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
Works at Cleveland and Elyria, Ohio and Philadelphia, Pa.

Methanol, natural, group B., dms., l.c.l., Zone 1.....gal. .38 Nom.
Zone 2.....gal. .45½ Nom.
Zone 3.....gal. .42 Nom.
Zone 4.....gal. .53½ Nom.
group B, 95%, frt. alld., prices 2c. less than pure, all zones.
97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Methanol, synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. alld.....gal. .39½- —
4, frt. alld.....gal. .41½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .35 - —
2, frt. alld. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. alld. or dlvd..gal. .53½- —
tanks, Zone 1, frt. alld..gal. .30 - —
2, frt. alld.....gal. .32 - —
3, frt. alld.....gal. .34 - —
4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd., E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd. E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .22½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .50 - —
dms., c.l., same basis...gal. .53½- —
l.c.l., same basis...gal. .60½- —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, natural, group B, producers, tanks, Zone 1..gal. .35 Nom.
Zone 2.....gal. .37 Nom.
Zone 3.....gal. .39 Nom.
Zone 4.....gal. .39½ Nom.
dms., c.l., Zone 1.....gal. .40½ Nom.
Zone 2.....gal. .42½ Nom.
Zone 3.....gal. .44½ Nom.
Zone 4.....gal. .46½ Nom.
l.c.l., Zone 1.....gal. .43 Nom.
Zone 2.....gal. .50½ Nom.
Zone 3.....gal. .47 Nom.
Zone 4.....gal. .58½ Nom.

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash.; Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Methyl acetone, synthetic, tanks, Zone 1..gal. .38½- —
Zone 2.....gal. .40 - —
Zone 3.....gal. .41 - —
dms., c.l., Zone 1.....gal. .46½- —
Zone 2.....gal. .48 - —
Zone 3.....gal. .49 - —
l.c.l., Zone 1.....gal. .50 - —
Zone 2.....gal. .52½- —
Zone 3.....gal. .53½- —

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.00 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers..lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.50 - 4.00
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd...lb. .80 - —
Iodide, bots.....lb. 4.00 - 4.15
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated violet toner, bbls.lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms., 2,000 lbs. or more, works..lb. .50 - —
100 to 1,999 lbs., works...lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dms., works..lb. .16 - —
Methylcyclohexanol, 98-100%, dms., works..lb. .23 - —
Methylcyclohexanone, 98 - 100%, dms., works..lb. .32 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Methylhexyl ketone, dms., tech., works..lb. .60 - —

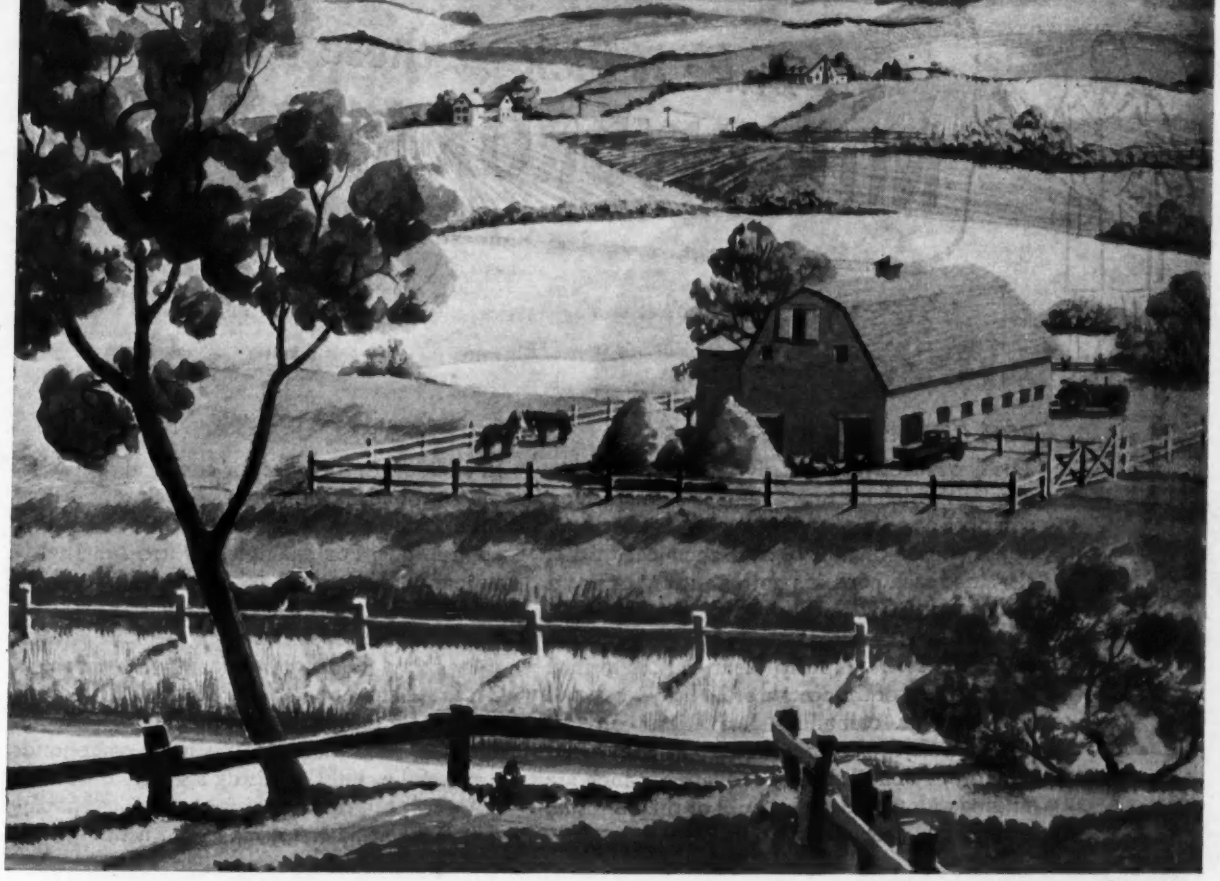
Methylisobutyl ketone, dms., c.l., dlvd..lb. .11½- .12
l.c.l., dlvd.....lb. .12 - .12½
tanks, dlvd.....lb. .10½- .11
Methylnaphthyl ketone, dom., cryst., bots..lb. 2.40 - 2.50
imp., bots.....lb. 3.10 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —

Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works..lb. .02 - —
500 lbs., works..lb. .02½- —
100 lbs., works..lb. .03 - —
refined, bgs., extra and returnable, c.l., works, ton.20.00 - —
l.c.l., 5,000 lbs., works, ton.30.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs., works, ton.65.00 - —

Mica, dry, white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works. ton.45.00 - —
1,000 lbs., works...lb. .02½- —
500 lbs., works...lb. .03 - —
roofing, bgs., extra and returnable, c.l., works....ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04⅝- —
l.c.l., ex whse., or frt. alld. E..lb. .04⅞- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., ex whse., or frt. alld. E..lb. .04½- —
Biotite, bgs., c.l., frt. alld. E..lb. .03½- —
l.c.l., ex whse. or frt. alld. E..lb. .04 - —
Wet-ground mica prices are ½c. per pound higher west of Rockies.
Milk, powder, skimmed, roller, bbls., c.l..lb. .07 - —
l.c.l. .....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .08½- —

Methanol—Monoethylamine

Milk powder, unskimmed, roller, bbls., c.l..lb. .15½- —
l.c.l. .....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
Millet seed, yellow, bgs.....lb. .0240- .0260
early fortune, bgs.....lb. .02¼- .02⅝
hulled, bgs.....lb. .06½- .06⅝
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .08 - —
f.o.b. Gulf ports.....gal. .07½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99%, powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Me. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., basis 100% c.l., wks..lb. .50 - —
l.c.l., works.....lb. .53 - —
Monoamylnaphthalene, l.c.l., dms. works..lb. .20 - —
Monobutylamine, dms., basis 100% c.l., wks..lb. .37 - —
l.c.l., works.....lb. .40 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks.....lb. .23 - —
Monoethylamine, basis 100%, dms., c.l., works..lb. .32 - —
l.c.l., works.....lb. .35 - —



PACKAGING MYSTERY: Why don't you ever see a blue barn?

YOU wouldn't expect farmers to know a great deal about packaging. But most of them do. Their barns prove it.

You've probably noticed that most barns are painted red. A survey made by The Farm Journal among 25,000 farmers shows that 73 per cent of them had red barns. There wasn't one blue barn to be found.

What does that prove?

First, that farmers understand one of the major principles of packaging—*protection* of contents. Red paint is more substantial, more durable. It lasts longer than blue.

Second, this proves that farmers know another important packaging angle—*economy*. They believe red paint costs less to buy and use. Moreover, they said red paint "holds its color... doesn't show the dirt."

Third, it proves that farmers know that the right color is important for *eye appeal*. They came up with some real packaging thoughts when they said: "Red paint harmonizes with the foliage, helps to brighten up the farm, matches the other buildings."

Protection, economy, beauty—that's what a manufacturer can expect of a *Continental* package. Our packaging experts know how to combine all three to develop the best possible container.

For 36 years we have been helping many businessmen to pack a wide variety of products successfully– in packages that sell. Can we be of help to you? Whether your problem calls for an entirely new type of container or an improvement of your present package, just call for Continental.

CONTINENTAL CAN COMPANY

New York Chicago San Francisco Montreal Toronto Havana

Monoethylanilin—Oil, Halibut

Monoethylanilin, dms.	lb.	.77	Nom.
Monomethylamine, dms., c.l., dlvd.	lb.	.60	- —
l.c.l., dlvd.	lb.	.65	- —
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75	- 4.00
Monomethylpara-aminophenol-sulphate, dms.	lb.	3.75	- 4.00
Monosodiumphosphate (see Soda phosphate monobasic).			
Morphine, bots., 5 ozs.	oz.	11.10	- —
cns., 25 ozs.	oz.	10.90	- —
Acetate, bots., 5 ozs.	oz.	9.00	- —
bots., 25 ozs.	oz.	8.80	- —
Ethylhydrochloride, bots., 5 ozs.,	oz.	10.75	- —
cns., 25 ozs.	oz.	10.55	- —
Hydrobromide, bots., 5 ozs.	oz.	8.95	- —
cns., 25 ozs.	oz.	8.75	- —
Hydrochloride, powd., 5-oz. bots.	oz.	9.00	- —
25-oz. cans	lb.	8.80	- —
Sulphate, bots., 5 ozs.	oz.	9.00	- —
cns., 25 ozs.	oz.	8.80	- —
Morpholine, dms., 55 gals., l.c., works.	lb.	.67	- —
smaller containers, works	lb.	.75	- —
Mullein leaves, cans	lb.	.15	- .16
flowers, cns.	lb.	2.00	Nom.
Musk, nat., Tonquin, grained, bots.	oz.	30.00	-35.00
synth., ambrette, cns., 100 lbs. or more	lb.	3.75	- —
5 lbs. to 75 lbs.	lb.	3.85	- —
1 lb.	lb.	4.20	- —
ketone, cns., 100 lbs. or more.	lb.	3.90	- —
5 lbs. to 75 lbs.	lb.	4.00	- —
1 lb.	lb.	4.35	- —
Musk, xylol, cns., 100 lbs. or more	lb.	1.15	- —
5 lbs. to 75 lbs.	lb.	1.25	- —
1 lb.	lb.	1.55	- —
Musk root, bls.	lb.	.50	- .60
Mustard seed, California, brown.	lb.	.16	- .16½
yellow, bgs.	lb.	.16	- .16½
Chinese, yellow, bgs.	lb.	.08½	- .09
Danish, yellow	lb.	.26½	- .27
Mustard seed, Danish, yellow, bgs.	lb.	.27	- .28
English, yellow, bgs.	lb.	.26	- .27
Dutch, yellow, bgs.	lb.	No stocks	
Montana, yellow, bgs.	lb.	.12	- .12½
Roumanian, yellow	lb.	.15	- .15½
Myrobalans, J1, bgs., f.a.s.	ton.	No price	
J2, bgs., f.a.s.	ton.	No price	
Extract, liquid, 25%, bbls.	lb.	No prices	
solid, 50%, bbls.	lb.	No prices	
powdered, bbls.	lb.	.07½	- .08

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).			
Solvent (see S).			
Naphthalene, crude, dom., 74 deg., tanks, works.	100 lbs.	2.25	- —
78 deg., tanks, works.	100 lbs.	2.50	- —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.	lb.	.07	- —
50-lb. cs., same basis.	lb.	.07¼	- —
pkgs. (16 oz.), same basis.	lb.	.07½	- —
(12 oz.), same basis.	pkg.	.06½	- —
Nerolin, cryst., cns.	lb.	1.25	- 1.35
Nickel carbonate, bbls.	lb.	.36	- .36½
Chloride, bbls.	lb.	.18	- .20
Cyanide, 100 lbs., dms.	lb.	1.40	- —
25-lb. bot.	lb.	1.50	- —
Oxide, black, bbls.	lb.	.35	- .38
Salt, bbls.	lb.	.13	- .13½
Nicotine, sulphate, 40%, dms., works, frt. alld.	lb.	.703	- —
10-lb. tins	lb.	.86½	- —
Nitercake, bulk, works.	ton.	16.00	- —
Nitrobenzene, dbl. dist., dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.09	- —
tanks	lb.	.07	- —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., wks.	lb.	.28	- —
bronzing, 20, 40, 70 sec. vis., bbls., works.	lb.	.29	- —
ester, soluble, 30-35 eps., ¼, ½ sec., bbls., c.l., dry weight, works.	lb.	.22	- —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works.	lb.	.26	- —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works.	lb.	.20	- —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works.	lb.	.25	- —
lacquer, 20-30 and 60-80 sec., vis., bbls., works.	lb.	.29	- —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

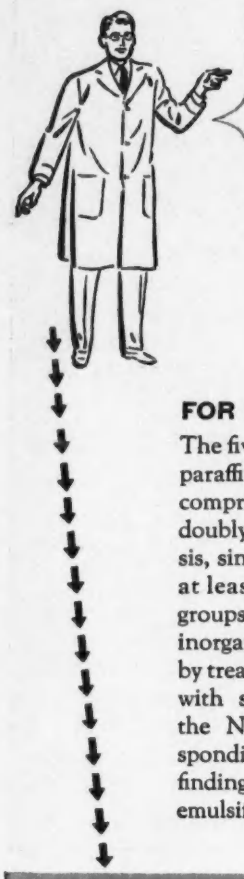
Nitroethane, l.c.l., dms., works.	lb.	.25	- —
Nitrogen solution, nitrogen basis. tanks, f.o.b. Atlantic and Gulf ports.	unit-ton.	1.2158	- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis., dlvd.	unit-ton.	1.70	- —
f.o.b. Chemical, Ill.	unit-ton.	1.70	- —
f.o.b. East Coast producing points.	unit-ton.	2.20	- —
import, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	No prices	
Nitromethane, l.c.l., dms., works.	lb.	.25	- —
Nitronaphthalene, bbls.	lb.	.24	- .25
Nitropropane I, l.c.l., dms., works.	lb.	.25	- —
II, same basis	lb.	.25	- —
Nutgalls, Alleppo, bgs., oz.	lb.	.26	- .29
Chinese	lb.	.21	- .22
Extract (see Gall extract).			
Nutmegs, E. I., 80s, bgs., cs.	lb.	.18½	- .19
110s, bgs., cs.	lb.	.16½	- .17
small, grinding, bgs.	lb.	.16	- .16½
West Indian, bgs.	lb.	.13	- .13½
Nux vomica, bls.	lb.	.07	- .08
powd., bbls., bxs.	lb.	.11	—.12

O

Oakbark extract, 25% tan., bbls., c.l., works.	lb.	.03½	- —
l.c.l., bbls., works.	lb.	.03¾	- —
tanks	lb.	.02¾	- —
Ocher (see Yellow).			
Octane, 100-140° C., mixed, dms., c.l., G.3.	gal.	.12½	- —
l.c.l., G.3.	gal.	.17	- —
tanks, G.2.	gal.	.10½	- —
Octanol, normal, tech., 360-lb. dms., dlvd.	lb.	.35	- —
Oil, almond, bitter, artif. (see Benzaldehyde).			
natural, bots.	lb.	No stocks	
s.p.a., bots.	lb.	No stocks	
sweet, true, exp., cns.	lb.	1.55	- 1.95
Amber, crude, cns.	lb.	No stocks	
ref'd, cns.	lb.	No stocks	
Amyris, cns.	lb.	3.50	- 3.75
Angelica, root, bots.	lb.	135.00	-150.00
Anilin (see A).			
Anise, USP, cns., dms.	lb.	.80	- .85
Apricot, kernels, cns.	lb.	.40	- .48
Avacado, cns., dms.	lb.	.75	- .85
Bay, W. I., 50-55% phenols, cns.	lb.	1.10	- 1.30
55-60% phenols, cns.	lb.	1.20	- 1.45
Bergamot, artif., cns.	lb.	1.50	- 9.25
natural, coppers.	lb.	22.00	Nom.
Birch (see Oil, sweet birch).			
Birchtar, crude, cns.	lb.	.50	- .60
rect'd, cns.	lb.	1.60	Nom.
Bois de rose, Brazil, cns.	lb.	2.15	- 2.60
Cade USP IX (see Oil Juniper tar).			
Cajeput, tech., dms.	lb.	.78	- 1.00
USP IX, cns.	lb.	.83	- 1.45
USP X, cns.	lb.	.98	- 1.85
Calamus, cns.	lb.	No stocks	
Camphor, sassafrassy, cns.	lb.	.24	- .25
dms.	lb.	.21	- .22
white, cns.	lb.	.27	- .30
dms.	lb.	.24	- .27
Cananga, native, cns.	lb.	5.50	- 5.75
rectified, cns.	lb.	6.00	- 7.00
Capsicum (oleoresin), USP VIII, cns.	lb.	3.75	- 4.75
Caraway USP, cns.	lb.	9.00	Nom.
Cardamom, bots.	lb.	22.00	-27.00
Cassia, USP, cs., dms.	lb.	2.25	- 2.50
Castor, blown, one-way dms., c.l.	lb.	.12¾	- —
l.c.l.	lb.	.13½	- —
cold pressed, USP, bbls., c.l.	lb.	.10¼	- —
l.c.l.	lb.	.12	- —
cns. (1-gal.), l.c.l.	lb.	.15	- —
dms. (returnable), c.l.	lb.	.11	- —
l.c.l.	lb.	.11¾	- —
(5-gal.), l.c.l.	lb.	.13	- —
tanks	lb.	.10½	- —
dehydrated, dms., c.l.	lb.	.1520	- —
l.c.l.	lb.	.1560	- —
tanks	lb.	.14½	- —
extracted No. 3, tech., bbls., c.l.	lb.	.11	- —
l.c.l.	lb.	.11¾	- —
dms. (returnable), c.l.	lb.	.10¾	- —
l.c.l.	lb.	.11½	- —
tanks	lb.	.10¼	- —
sulphonated, 50% (43% fat), dms., c.l.	lb.	.06½	- —
l.c.l.	lb.	.07½	- —
75% (65% fat), dms., c.l.	lb.	.09¾	- —
l.c.l.	lb.	.10¼	- —
80% (68% fat), dms., c.l.	lb.	.09¼	- —
l.c.l.	lb.	.10½	- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums ¼c. higher, all points.

Cedarleaf, cs.	lb.	.85	- 1.35
dms.	lb.	.82	- 1.28
Cedarwood, Southern, cns.	lb.	.28	- .30
dms.	lb.	.26	- .28
Celery, bots.	lb.	24.00	-30.00
Chaulmoogra, USP, cns.	lb.	.68	- —
Chinawood, dms.	lb.	.31	- .31¼
tanks	lb.	.29½	Nom.
Cinnamon, bark, bots.	lb.	9.75	-35.00
leaf, dms.	lb.	.80	- .85
Citronella, Ceylon, cns.	lb.	.44½	- .52
dms.	lb.	.42½	- .50
Java, cns., dms.	lb.	.41	- .50
Clove, makers, USP, cns.	lb.	1.20	- 1.25
dms.	lb.	1.15	- 1.20
Coconut, Manila, crude, tanks,	lb.	.06¾	Nom.
edible, 76°, dms., c.l.	lb.	.12	Nom.
l.c.l.	lb.	.12½	- .12¾
tanks	lb.	No prices	
Cod, Newf., bbls.	gal.	.75	Nom.
Codliver, med., USP, bbls.	bbl.	80.00	-85.00
Coriander, bots.	lb.	14.50	-19.00
Corn, crude, tanks, wks.	lb.	.09¾	Nom.
refd., bbls.	lb.	.12¼	Nom.
Cottonseed, cooking, bbls.	lb.	.11¾	- —
salad, bbls.	lb.	.12	- —
Creosote (see C).			
Croton, N.F., cns.	lb.	2.35	- 3.00
Cubeb, USP, cns.	lb.	3.50	- 3.75
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	8.00	-10.00
Cypress, bots.	lb.	5.00	-12.00
Degrass (see D).			
Dill seed, bots.	lb.	5.25	- 6.00
weed, bots.	lb.	5.50	- 5.60
Dip (see L).			
Erigeron, cns.	lb.	1.85	- 2.25
Eucalyptus, cns.	lb.	.68	- .71
dms.	lb.	.65	- .68
Fennel, sweet, cns.	lb.	2.00	- 2.35
Gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	14.00	-15.00
Bourbon, cns.	lb.	13.75	-15.00
Turkish (see Palmarosa).			
Grapefruit, cns.	lb.	1.60	- 1.65
Grapseed, dom., dms.	lb.	.33	- .36
imported, dms.	lb.	.18	- .20
Ginger, dist., bots.	lb.	4.30	- 6.25
Guaiac wood, concrete, bots.	lb.	3.50	- 3.75
Haarlem, imp., bots.	gross.	No prices	
Halibut liver, ref., dms.	gal.	4.00	- —



Take a look at these five

NITROHYDROXY Aliphatics

FOR CHEMICAL SYNTHESIS

The five Nitrohydroxy derivatives of the Nitroparaffins which are now available commercially comprise a series of new compounds which are doubly interesting for organic chemical synthesis, since each contains both a nitro group and at least one hydroxyl group. The hydroxyl groups may be reacted to form both organic and inorganic esters. A nitro olefin can be formed by treatment of the acetate of 2-Nitro-1-butanol with sodium carbonate. Reduction converts the Nitrohydroxy compounds to the corresponding Aminohydroxy derivatives which are finding widespread use because of their unusual emulsifying properties.

FOR SPECIAL USES

In addition to their use for chemical synthesis, the Nitrohydroxy aliphatics have a number of special properties indicating various interesting applications. For example, 2-Nitro-2-methyl-1-propanol has proved to be an effective heat sensitizer for rubber latex and has the advantage that the sensitized latex is stable at ordinary room temperatures for a week or more. 2-Nitro-1-butanol is an excellent high-boiling solvent for zein, cellulose acetate, and oil-soluble dyes. Also these Nitrohydroxy compounds are useful as mild oxidizing agents.

We will be glad to help you select the Nitrohydroxy Compound best suited to your needs.

PROPERTIES OF NITROHYDROXY ALIPHATICS

	Molecular Weight	Melting Point, °C.	Boiling Point at 10 mm. of mercury, °C.	pH of 0.1 M aqueous solution at 20°C.	Solubility in water—grams per 100 cc. at 20°C.
2-Nitro-1-butanol	119.12	—47 to —48	105	4.51	20
2-Nitro-2-methyl-1-propanol	119.12	90 to 91	94.5 to 95.5	5.12	350
2-Nitro-2-methyl-1,3-propanediol	135.12	147 to 149	Decomposes	5.42	80
2-Nitro-2-ethyl-1,3-propanediol	149.15	56 to 57	Decomposes	5.48	400
Tris(hydroxymethyl)-nitromethane	151.12	165 to 170	Decomposes	5.61	220

COMMERCIAL SOLVENTS
Corporation

17 EAST 42nd STREET, NEW YORK, N. Y.

PLANTS: TERRE HAUTE, IND. • PEORIA, ILL. • AGNEW, CALIF. • HARVEY, LA. • WESTWEGO, CALIF.

Oil, hemlock, cns.	lb.	.85	- .95
Juniper, berry, cns.	lb.	11.00	Nom.
wood, tech., cns.	lb.	No stocks	
Juniper tar, USP XI, dms.	lb.	.55	- .75
Lard, common, 1, bbls.	lb.	.10¾-	—
2, bbls.	lb.	.10⅝-	—
extra, bbls.	lb.	.11¼-	—
1, bbls.	lb.	.11 -	—
Winter, strained, bbls.	lb.	.11½-	—
prime, burning, bbls.	lb.	.12 -	—
prime, lined., bbls.	lb.	.11¾-	—
Laurel, bots.	lb.	5.00	Nom.
Lavandin, cns., 25 lbs.	lb.	5.00	- 6.00
Lavender flower, French, 50% ester, cns.	lb.	No prices	
38-42% ester, cns.	lb.	10.00	-12.00
35-38% ester, cns.	lb.	No prices	
30-32% ester, cns.	lb.	No prices	
garden, cns.	lb.	.55	- .70
spike, Spanish, tech., cns.	lb.	1.95	- 2.15
dms.	lb.	1.90	- 2.00
Lemon, Calif., cns.	lb.	3.25	- —
Messina, coppers, cns.	lb.	4.75	- 5.00
Terpeneless, Type 1	lb.	10.75	-17.00
Type 2	lb.	8.50	-15.00
Lemongrass, native, cns., dms.,	lb.	1.25	- 1.40
Lime, dist., cns.	lb.	5.50	- 6.00
expressed, cns.	lb.	8.75	- 9.25
Terpeneless	lb.	60.00	-65.00
Linaloe, wood, cns.	lb.	1.75	- 2.00
Linseed, raw, dms., c.l.	lb.	.1070-	.1090
l.c.l., 10 to 60	lb.	.1100-	.1120
5 to 9	lb.	.1130-	—
less than 5	lb.	.1150-	—
tanks	lb.	.1000-	.1020
boiled linseed oil .004 cent over raw.			
Lovage, extra fine, bots.	lb.	85.00	- —
Lubricating, at refinery, ex tax California, neutrals, pale, 200-600 vis., 2½-4, tanks, gal.		.07¼-	.11
red, 200-900 vis., 4-6½ plus, tanks.	gal.	.07¼-	.11½
Group 3, bright stocks, 100-210 D, 0-25 pour, tanks, gal.		.14½-	.20
neutrals, 150-400 vis., 3-3½, 0-10 pour, tanks.	gal.	09 -	.13
200-280 vis., 3, 15-25 pour, tanks.	gal.	.09 -	.11
Pennsylvania, bright stocks, S color, 140-150 vis., 10-25 pour, tanks.	gal.	.17 -	.19½
cylinder oils, 600-630 flash, tanks.	gal.	.10 -	.12
600 - 650 steam ref'd, tanks.	gal.	.10 -	.13
neutral, 70° F., 3 color, 150 vis., 0-25 pour, tanks.	gal.	.23 -	.26½
290 vis., 0-25 pour, tanks, gal.		.25 -	.28½
Mace, dist., cns., dms.	lb.	2.25	- 2.40
Mandarin, superior, coppers.	lb.	9.00	-10.00
Menhaden, crude, tanks, fut., Balto.	gal.	.50	Nom.
ref'd alkali, dms.	lb.	.1080-	—
kettle-boiled, dms.	lb.	.1180-	—
light-pressed, dms.	lb.	.0980-	—
tanks	lb.	.0880-	—
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP, bots., cns.,	lb.	1.50	- 1.60
dist., natural, bots.	lb.	9.50	-10.00
Neatsfoot, 20° cold test, bbls.,	lb.	.16¼-	—
extra, bbls.	lb.	.11¼-	—
1, bbls.	lb.	.11 -	—
prime, bbls.	lb.	.11½-	—
pure, bbls.	lb.	.12¼-	—
sulphonated, common, 25% moisture, dms.	lb.	.10½-	—
Neroli, bots.	lb.	200.00	-325.00
Nutmeg, dist., cns., dms.	lb.	2.25	- 2.40
Oiticica, dms.	lb.	.17½-	.18
Oleo, 1, bbls.	lb.	.11 -	—
2, bbls.	lb.	.10¾-	—
Olibanum, bots.	lb.	5.00	- 5.25
Olive, denat., dms.	gal.	3.30	Nom.
edible, Calif., dms.	gal.	4.20	- 4.25
imported, dms.	gal.	4.60	Nom.
foots, dms.	lb.	.13¾-	—
sulphonated, 50% (40% fat), dms., c.l.	lb.	.09½-	—
l.c.l.	lb.	.10½-	—
75% (63% fat), dms., c.l.	lb.	.12½-	—
l.c.l.	lb.	.13½-	—
80% (68% fat), dms., c.l.	lb.	.127 -	—
l.c.l.	lb.	.137 -	—
Orange, sweet, dist., cs.	lb.	1.15	- —
expressed, Calif., cns.	lb.	2.75	- —
Florida, cns.	lb.	1.50	- 1.60
Messina, USP, coppers.	lb.	8.00	Nom.
West Indies, cns.	lb.	No stocks	
terpeneless	lb.	42.00	-50.00
Origanum, cs.	lb.	1.50	- 1.55
Palm, Niger, dms.	lb.	.05⅞	Nom.
softs, 12½%, bulk, shipt.	lb.	No prices	
Sumatra, shipt., bulk	lb.	.05½	Nom.
Palmarosa, cns.	lb.	3.00	- 3.25
Paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼-	—
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½-	—
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 -	—
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 -	—
300° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾-	—
Patchouli, bots., cns.	lb.	4.85	- 6.00
Peanut, crude, nom., tanks.	lb.	.09¼	Nom.
refd., edible, bbls.	lb.	.12	Nom.
Pennyroyal, dom., cns.	lb.	2.95	- 3.00
import, cns.	lb.	2.25	- 2.75
Peppermint, natural, cns., dms.,	lb.	3.40	- 3.65
redist., USP, cns., dms.	lb.	3.65	- 3.90
Perilla, dms.	lb.	.18¼-	.18¾
tanks	lb.	.17¼-	—
Petitgrain, Paraguay, cns.	lb.	1.40	- 1.55
dms.	lb.	1.35	- 1.50
Pimento berry, cns.	lb.	4.65	- 5.00
leaf, cns.	lb.	2.25	- 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.50	- .55
steam-dist., dms.	gal.	.59	- —
tanks	gal.	.54	- —
Pineneedle, Siberian, cns.	lb.	1.30	- 1.35
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.22½-	—
contracts	gal.	.19½-	—
Whiting, Ind.	gal.	.28 -	—
dms., c.l., Boston, Providence,	gal.	.25 -	—
l.c.l., same basis	gal.	.27 -	—
tanks, same basis	gal.	.18 -	—
Martinez, Cal.	gal.	.28 -	—
Rapeseed, tax incl., dms.	lb.	.12¼-	.12½
tax not incl., tanks	lb.	.06⅞-	—
blown, dms.	lb.	.17½-	—
Red, dist., or saponif., dms., dlvd.	lb.	.10½-	.11½
tanks, dlvd.	lb.	.09¾-	—
Rose, synth., bots.	oz.	1.35	- 2.00
natural, coppers.	oz.	11.00	-20.00
Oil, rosemary, Spanish, cns.	lb.	.88	- .93
dms.	lb.	.85	- .90
Rosin, 1st rectified, dms.	gal.	.40	- —
2d rectfd, dms.	gal.	.42	- —
3d rectfd., dms.	gal.	.46	- —
Rue, bots.	lb.	7.00	- 7.50
Sage, cns.	lb.	4.50	- 8.75
Sandalwood, E.I. USP, cns.	lb.	4.95	- 5.25
Mysore, cns., case lots.	lb.	5.50	- 5.75
Sardine, crude, fut., tanks, Pac. Cst.	gal.	.55	Nom.
refd., alkali, dms.	lb.	.1080-	—
kettle-boiled, dms.	lb.	.1180-	—
light-pressed, dms.	lb.	.0980-	—
tanks	lb.	.0880-	—
Sassafras, artif., cns.	lb.	.75	- —
dms.	lb.	.72	- —
natural, cns., dms.	lb.	1.00	- 1.25
Savin, cns.	lb.	No stocks	
Savory, cns.	lb.	No stocks	
Shark liver, crude, dms.	million vitamin units.	.10	- —
Sesame, crude, coast, tanks.	lb.	.09¾	Nom.
Shingle stains, bbls., c.l., works,	gal.	.19	- —
l.c.l., works	gal.	.20	- —
tanks, works	gal.	.14	- —
Snakeroot, Canada, cns.	lb.	8.50	- 9.00
Soybean, dom., crude, dms.	lb.	.09⅞-	.10½
tanks	lb.	.09¼	Nom.
refd., dms.	lb.	.10⅝-	.11⅜
tanks	lb.	.10¼	Nom.
Spearmint, dms.	lb.	2.50	- 2.60
Sperm, bleach, 38°, dms.	lb.	.1170-	—
45°, dms.	lb.	.1100-	—
natural, dms.	lb.	.1050-	—
Spruce, cns., dms.	lb.	.85	- .95
Sweet, birch, North, cns.	lb.	2.75	- 3.50
South, cns.	lb.	1.50	- 1.85
Oil, tall, crude, dms., c.l., works.	ton.	40.00	- —
l.c.l., works	ton.	45.00	-50.00
tanks, works	ton.	30.00	- —
distilled, dms., c.l., dlvd.	lb.	.05½-	.07
l.c.l., dlvd.	lb.	.06½-	.08¼
tanks, dlvd.	lb.	.05 -	.06¾
refined, dms., c.l., works.	lb.	.04 -	—
l.c.l., works	lb.	.04½-	—
tanks, works	lb.	.03½-	—
Tallow, acidless, bbls.	lb.	.10¾-	—
tanks	lb.	.10¼-	—
Tansy, cns.	lb.	4.50	- 4.75
Tar, pine, com'l,, dms., c.l., dlvd. E. cities.	gal.	.26	- —
E. ports, c.l.	gal.	.25	- —
l.c.l.	gal.	.27	- —
tanks, dlvd. E. cities.	gal.	.20	- —
rectfd., USP, bbls., l.c.l., dlvd. E. ports.	gal.	.55	- —
Tar acid (see T).			
Teaseed, crude, dms.	lb.	.18½	Nom.
refined, dms.	lb.	.22	Nom.
Tea tree (see Oil, Ti tree).			
Thyme, NF, red, cns.	lb.	1.55	- 2.50
white, cns.	lb.	1.65	- 2.75
Tung (see Oil, Chinawood).			
Ti tree, cns.	lb.	2.60	- 2.80
Turkey red (see castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	8.50	- —
Vetiver, bots.	lb.	6.00	-10.00
Whale, ref., natural, dms.	lb.	.0950-	—
winter, bleach, dms.	lb.	.0990-	—
Wheat germ, cns., dms.	gal.	17.50	-25.00
White, mineral, dom., tech., 50-60 vis., dms.	gal.	.30	- .37
65-75 vis., dms.	gal.	.32	- .39
80-90 vis., dms.	gal.	.33	- .40

Oil, Hemlock—Olivine

Oil, white mineral, dom., USP, 95-105 vis., dms.	gal.	.89½-	.46½
125-135 vis., dms.	gal.	.45 -	.53
140-150 vis., dms.	gal.	.47 -	.55
175-185 vis., dms.	gal.	.50½-	.58½
200-210 vis., dms.	gal.	.53½-	.61½
320-330 vis., dms.	gal.	.60 -	.68
335-345 vis., dms.	gal.	.61 -	.69
Russian, 80-90 vis., dms.	gal.	No prices	
145-155 vis., dms.	gal.	No prices	
175-185 vis., dms.	gal.	No prices	
335-345 vis., dms.	gal.	No prices	
Wintergreen, natural, North, cns.	lb.	4.75	- 6.00
South, cns.	lb.	3.50	- 3.85
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.50	- 2.60
Wormwood, cns.	lb.	4.50	- 4.75
Ylang-ylang, Bourb., bots., cns.	lb.	12.50	Nom.
Manila, bots.	lb.	40.00	-41.00
Olivine, aggregate, c.l., mines.	ton.	7.00	-11.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
crushed, 8 mesh, bulk, c.l., works.	ton.	8.00	- —
paper bags, c.l., wks.	ton.	9.50	- —
ground, 325 mesh, c.l., mines.	ton.	20.00	- —
200 mesh, c.l., mines.	ton.	17.00	- —
100 mesh, c.l., mines.	ton.	15.00	- —
20 mesh to dust.	ton.	12.00	- —

AMERICAN MANUFACTURED AROMATICS OF *Exceptional Quality*

Acetophenone
Aldehyde C-8
Aldehyde C-10
Aldehyde C-12M
Aldehyde C-14
Aldehyde C-16 100%
Aldehyde C-18 100%
Aldehyde C-20 (Raspberry Aldehyde)
Alpha Amyl Cinnamic Aldehyde
Amyl Salicylate (Trefol-Orchid)
Anisic Alcohol
Benzalacetone (Benzylidin Acetone)
B-Methyl Phenyl Glycidic Acid Ethyl Ester
Benzaldehyde, ffc.
Benzoic Acid Ethyl Ester
Benzoic Acid Methyl Ester
Benzophenone Extra
Benzyl Acetate Ia, ffc.
Benzyl Alcohol, ffc.
Benzyl Benzoate, ffc.
Benzyl Cinnamate
Benzyl Salicylate
Bornyl Acetate
Bromelia
Bromstyrol pure
Cinnamic Alcohol
Cinnamic Aldehyde 100% ffc.
Cinnamyl Acetate
Cinnamyl Butyrate
Cinnamyl Formate
Cinnamyl Iso Butyrate
Cinnamyl Propionate
Citronellol
Cumarin 100%
Cuminic Aldehyde
Diacetyl
DiMethyl Anthranilate
DiMethyl Hydroquinone
DiPhenyl Oxide
Ethyl Benzoate
Ethyl Cinnamate
Ethyl Methyl Phenyl Glycidate
Ethyl Phenyl Acetate
Ethyl Phthalate
Ethyl Vanillin (Vanillose)
Geraniol Extra
Geraniol Pure
Geraniol T
Heptylidine Acetone
Hyacinthin Special
Hydratropic Aldehyde
Hydrocinnamic Alcohol
Hydrocinnamic Aldehyde 100%
Hydroxy Citronellal Special
Indol
Indolene
Ionone Ketone
Ionone Methyl
Ionone Terpenes
IsoBornyl Acetate
IsoButyl Furyl Propionate
Iso Jasmone
IsoButyl Salicylate
Methyl Acetophenone (Melilot)
Methyl Amyl Ketone
Methyl Anthranilate
Methyl Anthranilate of Methyl (DiMethyl Anthranilate)
Methyl Benzoate (Niobe-Oil)
Methyl Cinnamate
Methyl Iso Amyl Ketone
Methyl Nonyl Ketone
Methyl Naphthyl Ketone (Orangeol A)
Methyl Phenyl Acetate
Methyl Phenyl Carbinol (Styralyl Alcohol)
Methyl Phenyl Glycidate of Ethyl
Methyl Salicylate (Oil of Wintergreen Art.)
Nerolin Bromelia
Nerolin Yara Yara
Niobe Oil (Methyl Benzoate)
Para Cresyl Acetate
Para Cresyl Caprylate
Para Cresol Ethyl Ether
Para Cresol Methyl Ether
Phenyl Acetaldehyde DiMethyl Acetal
Phenyl Ethyl Acetate
Phenyl Ethyl Butyrate
Phenyl Ethyl Iso Butyrate
Phenyl Ethyl Alcohol
Phenyl Ethyl Cinnamate
Phenyl Propyl Alcohol
Phenyl Propyl Aldehyde
Pineapple Base Special
Rhodinol
Styralyl Acetate
Styralyl Alcohol (Methyl Phenyl Carbinol)
Terpineol
Terpineol Alpha Extra
Tetra Hydro Para Methyl Quinoline
Tolyl Aldehyde
Undecalactone
Vanillin Crystals C.P.
Vanillose (Ethyl Vanillin)
Yara Yara

PRODUCT GL 4C A non-toxic wetting agent and detergent with excellent foaming qualities for Liquid Dentifrices, Soapless Shampoos, Brushless Shaving Creams, etc.

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COLLORESIN Replaces Gum Tragacanth satisfactorily.

UTMOST PURITY for use in Cosmetics and Perfumes for pure finished products.

UNIFORMITY means economy in time and expense.....with uniform, trouble free results.

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Opium—Pet. Mineral Spirits

Opium, gum, USP, 50-lb. lots, cns.	lb.	11.50	—
25-lb. lots, cns.	lb.	11.75	—
5-lb. lots, cns.	lb.	12.00	—
1-lb. lots, cns.	lb.	12.15	—
Prices on powd. and gran. USP opium are $1 per pound higher.			
Orange, Lake, Persian, bbls.	lb.	.30 -	.45
Mineral, Amer., bbls., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11½-	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½-	—
Colo., Mont., N. M., Wyo.	lb.	.11¾-	—
Other points	lb.	.11¼-	—
smaller lots, dlvd., Ala., etc.	lb.	.12 -	—
Ariz., etc.	lb.	.12½-	—
Colo., Mont., N. M., Wyo.	lb.	.12¼-	—
Other points	lb.	.11¾-	—
French, Toura, casks, ex dock,	lb.	No prices	
kgs., ex dock	lb.	No prices	
Molybdate, bbls.	lb.	.31 -	—
Toner, bbls.	lb.	.80 -	—
Orangeflower petals, cs.	lb.	.45 -	.50
Orange peel, bitter, bls.	lb.	.09 -	.10
sweet, bls.	lb.	.10 -	.12
Italian, bgs.	lb.	.07½-	.08
Orris root, Florentine, bgs.	lb.	1.50	Nom.
fingers, cs.	lb.	2.00	Nom.
powd., bbls., bxs.	lb.	1.65	Nom.
Verona, bls.	lb.	1.45	Nom.
powd., bgs., cns.	lb.	1.60	Nom.
Orthoamylphenol, l.c.l., dms., works.	lb.	.15 -	—
Orthoanisidin, bbls.	lb.	.70 -	—
Orthochloraniliin, dms.	lb.	.60 -	.70
Orthochlorophenol, dms.	lb.	.32 -	—
Orthocresol, dms., c.l., works.	lb.	.16 -	—
l.c.l., same basis	lb.	.16½-	—
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06 -	—
l.c.l., same basis	lb.	.07 -	—
100-lb. tins, same basis.	lb.	.08 -	—
50-lb. tins, same basis.	lb.	.09 -	—
tanks, same basis	lb.	.05½-	—
Orthodichlorobenzene prices west of Rockies, 1c. per lb. higher.			
Orthonitroaniliin, dms.	lb.	.55 -	—
Orthonitrochlorobenzene, dms.	lb.	.15 -	.18
Orthonitroparachlorophenol, cns.	lb.	.75 -	—
Orthonitrotoluene, dms.	lb.	.09 -	—
Orthophenetidin, dms.	lb.	.80 -	—
Orthotoluidin, dms.	lb.	.19 -	—
Osage orange extract, cryst., bbls.	lb.	.21 -	—
liquid, 42°, bbls.	lb.	.09 -	—
51°, bbls.	lb.	.10 -	—
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50 -	—
bots., cns., 1-50 lbs.	lb.	3.75 -	4.15

P

Papain, powd., cs.	lb.	1.75 -	1.80
Paprika, Algerian, bgs.	lb.	.35 -	.37
Bulgarian, bgs.	lb.	.27½-	.28
Portuguese, fancy, bgs.	lb.	.37 -	.38
good, bgs.	lb.	.34 -	.36
Spanish, extra fancy, cs.	lb.	.41 -	.42
medium, cs.	lb.	.40 -	.41
Parachlorophenol, dms.	lb.	.32 -	—
Paracymene, refd., dms.	gal.	.75 -	1.25
Paradichlorobenzene, dms, c.l., l.c.l.	lb.	.11 -	.12
	lb.	.12½-	.13½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla. refy.	lb.	.0350	Nom.
bbls., c.l., N.Y.	lb.	.0350	Nom.
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.0350	Nom.
bbls., c.l., N.Y.	lb.	.0350	Nom.
yellow, 124-126 A.m.p., bbls., c.l. N.Y.	lb.	.0350	Nom.
fully refd., 123-125 A.m.p., bgs., c.l.	lb.	.0570-	—
128-130 A.m.p., bgs. or loose, c.l.	lb.	.0570-	—
131-133 A.m.p., bgs. or loose, c.l.	lb.	.0595-	—
133-135 A.m.p., bgs. or loose, c.l.	lb.	.0625-	—
135-137 A.m.p., bgs. or loose, c.l.	lb.	.0650-	—
138-140 A.m.p., bgs. or loose, c.l.	lb.	.0725-	—
143-145 A.m.p., bgs. or loose, c.l.	lb.	.0820-	—
Paraffin, fully refd., 151-153 A.m.p., bgs. or loose, c.l.	lb.	.15	Nom.

Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is 5c. lower.

match, A.m.p., up to and incl. 110-112 bbls., c.l.	lb.	.03½-	—
Semi-refd., solid, 122-124 A.m.p., bgs.	lb.	.03 -	—
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.23 -	—
100 to 900 lbs. shipments, same basis	lb.	.24 -	—
Paraldehyde, tech., 98%, 55 and 110-gal. dms., c.l., works.	lb.	.10 -	—
l.c.l., works.	lb.	.11¼-	—
5 and 10-gal. dms., works.	lb.	.15 -	—
USP, cs., cbys.	lb.	.37 -	.45
Paranitrophenol, kgs.	lb.	.35 -	—
Paranisidine, dms.	lb.	.75 -	—
Paranitroaniliin, kgs., works.	lb.	.45 -	—
Paranitrochlorobenzene, kgs.	lb.	.15 -	—
Paranitrotoluene, kgs.	lb.	.30 -	—
Paraphenylenediamine, bbls.	lb.	1.25 -	1.30
Paratoluenesulphonamide, bbls.	lb.	.70 -	—
Paratoluidin, bbls.	lb.	.48 -	—
Pareira brava root, bls.	lb.	.20 -	.21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.	lb.	.23 -	.25
l.c.l., same basis	lb.	.24 -	.26
Passion flower, herb, bls.	lb.	.06 -	.07
Patchouli leaves, bls.	lb.	.28 -	.30
Pellitory root, bls.	lb.	.30 -	.32
Pennyroyal leaves, bls.	lb.	.15 -	.16
Pentachlorophenol, dms., works,	lb.	.20 -	.25
Pentaerythritol, C.P., bbls., dlvd.,	lb.	.75 -	—
less than barrel lot	lb.	1.00 -	—
tech., bbls., dlvd.	lb.	.33½-	.35½
less than barrel lots	lb.	.40 -	—
Pentaerythritol tetra acetate, bbls., dlvd.	lb.	1.00 -	—
less than barrel lot	lb.	1.50 -	—
Pentane, norm., 28-38°, dms., c.l., G.3.	gal.	.11½-	—
l.c.l., G.3.	gal.	.16 -	—
tanks, G.3.	gal.	.07 -	.08½
laboratory grade, dms., c.l., G.3,	gal.	.14 -	—
l.c.l., G.3.	gal.	.25 -	—
Pepper, black, Alleppy, bags.	lb.	.08	Nom.
Lampong, bags.	lb.	.0770-	.0800
Tellicherry, bags.	lb.	.08	Nom.
white, Java, Muntok, bags.	lb.	.12¼-	.12½
Muntok, small berry, bags.	lb.	.11¾-	.12¼
red, chillies, Japan, Hontaka.	lb.	.21 -	.21½
Mombassa, bgs.	lb.	.26 -	.26½
Peppermint leaves, dom., bls.	lb.	.75 -	.80
import, bls.	lb.	1.10	Nom.
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08 -	—
l.c.l., same basis	lb.	.08½-	—
Zone 2, dms., c.l., works, frt. alld.	bl.	.08½-	—
l.c.l., same basis	lb.	.09 -	—
Zone 3, dms., c.l., works, frt. alld.	lb.	.09 -	—
l.c.l., same basis	lb.	.09½-	—
Zone 4, dms., c.l., f.o.b. stock points.	lb.	.09 -	—
l.c.l., same basis	lb.	.09½-	—

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	.72 -	.73
Petrolatum, amber, dms.	lb.	.03¼-	—
l.c.l.	lb.	.04¼-	—
amber, extra, dms.	lb.	.04 -	—
l.c.l.	lb.	.04½-	—
white, cream, dms., c.l.	lb.	.04½-	—
l.c.l.	lb.	.06 -	—
lily, dms., c.l.	lb.	.05¼-	—
l.c.l.	lb.	.06¾-	—
snow, dms., c.l.	lb.	.06 -	—
l.c.l.	lb.	.08 -	—
Petroleum, crude, bulk, at wells:—			
California	bbl.	.43 -	1.71
Canada	bbl.	1.08 -	1.70
Central West:—			
Illinois	bbl.	1.27 -	—
Ohio	bbl.	1.05 -	1.16
Michigan	bbl.	1.17 -	1.38
Indiana	bbl.	1.10 -	—
East Texas	bbl.	1.15 -	—
Gulf Coast	bbl.	.96 -	1.38
Kentucky, Tennessee	bbl.	1.12 -	1.20
Louisiana, Arkansas	bbl.	.58 -	1.26
Mexico	bbl.	No prices	
Midcontinent (Oklahoma, Kansas, North Texas)	bbl.	.65 -	1.15
Pennsylvania, Ohio, West Virginia:—			
Bradford, Allegany	bbl.	2.40 -	—
Corning	bbl.	1.24 -	—
N. Y. Transit lines	bbl.	2.40 -	—
Eureka lines	bbl.	1.99 -	—
S. W. Penn lines	bbl.	2.05 -	—
Lower district in National Transit lines.	bbl.	2.28 -	2.33
Rocky Mountains	bbl.	.35 -	1.15
South Central and Southwestern Texas.	bbl.	.95 -	1.29
Texas Panhandle, W. Texas and N. Mexico.	bbl.	.60 -	1.02
Ether, normal, tanks, G.3.	gal.	.09¾-	—
dms., c.l., dlvd.	gal.	.24 -	—
l.c.l., 5 or more, dlvd.	gal.	.29 -	—
1-5, dlvd.	gal.	.33 -	—
laboratory grade, dms., c.l., G.3.	gal.	.14½-	—
l.c.l., G.3.	gal.	.25½-	—
10-gal. lots, G-3.	gal.	.50½-	—
Lacquer, diluent, at refinery:—			
California, 100 l.b.h., 200 e.p., tanks, dlvd., Los Angeles.	gal.	.11 -	—
San Francisco.	gal.	.11½-	—
Willbridge, Ore., Fort Welles, Wash.	gal.	.12 -	—
East Coast, tanks.	gal.	.10 -	—
Group 3, toluol type, tanks,	gal.	.06¾-	.07¾
Benzol type, tanks.	gal.	.07⅞-	.08¾
Mineral spirits, at refinery:—			
California (f.o.b. San Francisco), 166-252 b.r., tanks,	gal.	.10½-	—
198-290 b.r., tanks.	gal.	.10½-	—
248-397 b.r., tanks.	gal.	.10½-	—
312-408 b.r., tanks.	gal.	.09 -	—
362-458 b.r., tanks.	gal.	.09 -	—
East Coast, 43-47, tanks.	gal.	.08½-	—

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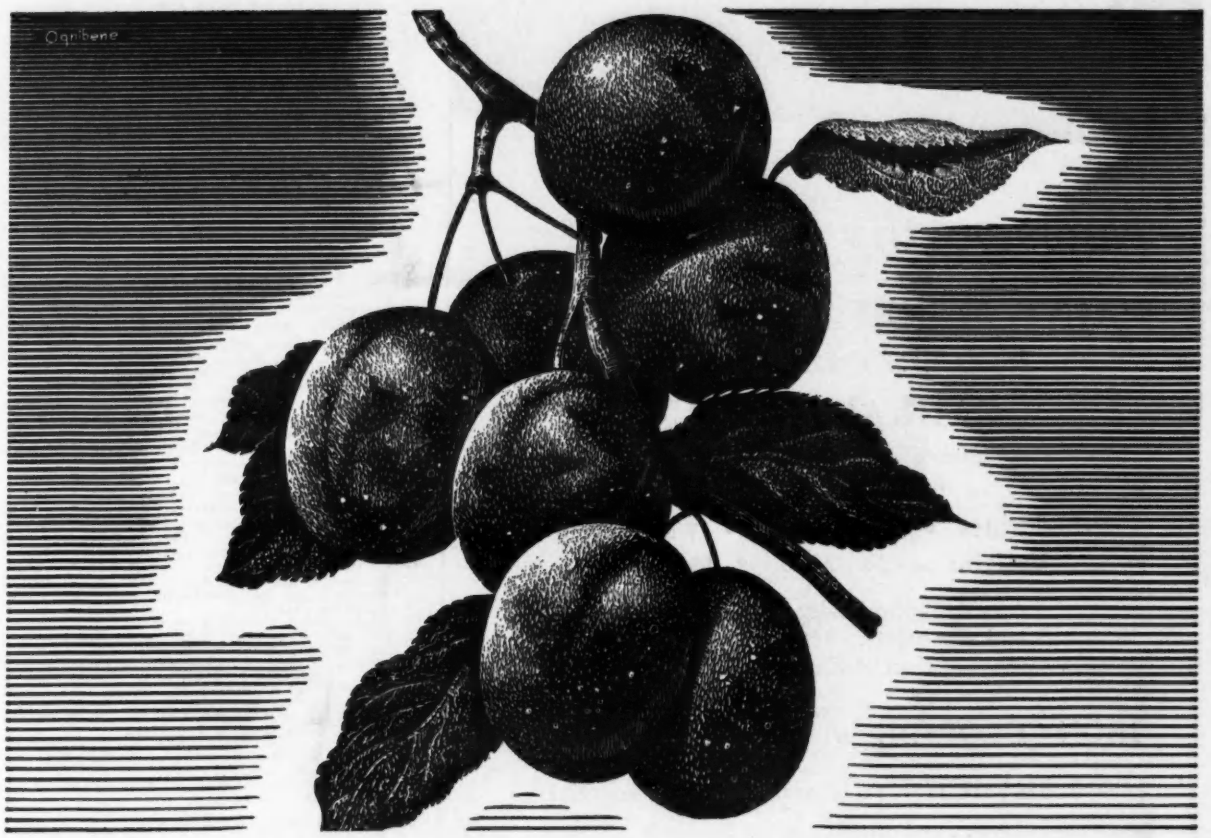
SKELLY BLDG., KANSAS CITY, MO.

Petroleum, mineral spirits, at refinery, group 3, tanks..gal.	.05⅝-	.05¾
Gulf Coast, tanks....gal.	.06½-	—
Tankwagon:—		
Albany .....gal.	.13½-	—
Baltimore (100 gals.)..gal.	.14 -	—
25-99 gals.....gal.	.16 -	—
Boston .....gal.	.13½-	—
Bound Brook, North Amboy, N. J..gal.	.13½-	—
Bridgeport, Conn.....gal.	.11½-	—
Buffalo .....gal.	.15½-	—
Camden, N. J.....gal.	.10 -	.11½
Chicago .....gal.	.1070-	—
Decatur .....gal.	.1810-	—
Des Moines.....gal.	.1790-	—
Evansville, Ind.....gal.	.1420-	.1520
Milwaukee.....gal.	.1930-	—
Minneapolis-St. Paul..gal.	.19½-	—
Newark .....gal.	.09½-	—
New York (200 gal)...gal.	.09 -	—
Omaha .....gal.	.12½-	—
Pittsburgh .....gal.	.11½-	.13½
Providence .....gal.	.12 -	—
Rochester .....gal.	.12½-	—
St. Louis.....gal.	.1470-	—
Syracuse .....gal.	.10½-	—
Trenton .....gal.	.10½-	—
Wilmington, Del.....gal.	.12½-	—
Naphtha, cleaners', at refinery:—		
California (f.o.b. San Francisco), tanks..gal.	.12 -	—
East Coast, tanks.....gal.	.09½-	—
Group 3, tanks.....gal.	.06⅝-	.06¾
Gulf Coast (f.o.b. New Orleans), tanks....gal.	.06¾-	—
tankwagon, Boston, ex tax, gal.	.13½-	—
Bridgeport .....gal.	.13½-	—
Chicago, inc. 4c. tax...gal.	.18 -	—
Decatur, inc. 4c. tax...gal.	.1910-	—
Des Moines, inc. 4c. tax, gal.	.1890-	—
Evansville, inc. ex tax.gal.	.15 -	.16
Milwaukee, inc. 5c. tax.gal.	.2030-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20½-	—
Newark, ex tax.....gal.	.10½-	—
New York, ex tax.....gal.	.10 -	—
Omaha, ex tax.....gal.	.1480-	.1590
Oklahoma City, ex tax.gal.	.16½-	—
Philadelphia, ex tax...gal.	.12 -	—
St. Louis, inc. 1c. tax.gal.	.15½-	—
Syracuse, 150 gals....gal.	.14½-	—
smaller lots, galv. drums, gal.	.10 -	—
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal.	.21 -	—
2, over 90% arom., same basis..gal.	.21 -	—
3, same basis.....gal.	.22 -	—
2, tanks, f.o.b. Paulsboro, N. J..gal.	.16½-	—
30, same basis.....gal.	.17½-	—
40, same basis.....gal.	.17¾-	—
V. M. & P., at refinery:— California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal.	.11 -	—
Richmond .....gal.	.11½-	—
Willbridge, Ore., Pt. Wells, Wash..gal.	.12 -	—
54-57, 190 l.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal.	.10 -	—
San Francisco....gal.	.10½-	—
Portland, Seattle.gal.	.11 -	—
East Coast, tanks.....gal.	.09½-	—
Group 3, tanks.....gal.	.06⅝-	.06¾
Gulf Coast (dlvd. New Orleans), tanks....gal.	.06½-	—
tankwagon, Boston, ex tax, gal.	.14½-	—
Chicago, inc. 4c. tax..gal.	.17 -	—
Des Moines, inc. 4c. tax.gal.	.1890-	—
Decatur, inc. 4c. tax...gal.	.1910-	—
Evansville, Ind., ex tax, gal.	.1520-.1620	
Milwaukee, inc. 5c. tax.gal.	.2030-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.20 -	—
Newark, ex tax.....gal.	.11½-	—
New York, ex tax.....gal.	.10 -	—
Omaha, ex tax.....gal.	.1490-.1590	
Philadelphia, ex tax...gal.	.13 -	—
St. Louis inc. 1c. tax..gal.	.1570-	—
Solvent, rubber, at refinery, California (f.o.b. San Francisco), bbls..gal.	.24 -	—
East Coast, tanks.....gal.	.09½-	—
Group 3, tanks.....gal.	.06⅝-	.07⅞
Stoddard (CS 8-33), at refinery:— California (f.o.b. San Francisco), tanks..gal.	.11 -	—
East Coast, tanks.....gal.	.08½-	—
Group 3, tanks.....gal.	.05⅞-	.06¼
Tankwagon, Boston, ex tax, gal.	.14 -	—
Chicago, inc. 4c. tax..gal.	.1640-	—
Decatur, inc. 4c. tax..gal.	.1860-	—
Des Moines, inc. 4c. tax, gal.	.1840-	—
Evansville, Ind., ex tax. gal.	.14 -	.15
Milwaukee, inc. 5c. tax.gal.	.1980-	—
Minneapolis-St. Paul, inc. 5c. tax..gal.	.1820-	—
Newark, ex tax.....gal.	.09½-	—
New Orleans, ex tax..gal.	.11 -	—
New York, ex tax.....gal.	.09 -	—
Omaha .....gal.	.1360-.1450	
Philadelphia, ex tax...gal.	.13 -	—
St. Louis, inc. 1c. tax..gal.	.1340-	—
Tulsa, ex tax.....gal.	.10½-	.11½
Phenobarbital, 5-lb. bots.....lb.	3.95 -	—
bots. or cns., 100 lbs., spot or contract..lb.	3.60 -	—
25-lb. cns.....lb.	3.85 -	—
Phenol, USP, dms., c.l., works, frt. equald..lb.	.12 -	—
l.c.l., same basis.....lb.	.12¾-	—
under 1,000 lbs.....lb.	.13¾-	—
tanks, works.....lb.	.11 -	—
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb.	.85 -	—
bbls., dms., kegs., 100-250 lbs., lb.	.87 -	.89
yellow, fib. dms., 2,000-lb. lots, lb.	.80 -	—
100-lb. fib. dms.....lb.	.82 -	—
25-lb. dms.....lb.	.87 -	—
50-lb. kgs.....lb.	.84 -	—
Phenyl chloride, dms.....lb.	.17 -	—
Phenylacetaldehyde, bots.....lb.	2.10 -	2.50
Dimethylacetate, cns.....lb.	14.50 -	15.00
Phenyl ethyl acetate, cns.....lb.	2.50 -	2.75
Phenylethylphenyl acetate, bots., lb.	8.00 -	15.00
Phenylhydrazine, base, CP, bots. lb.	4.55 -	—
hydrochloride, CP, bots, works, lb.	7.10 -	—
commercial, kgs, works.....lb.	1.75 -	—
Phlorogiucinol, CP, tins, wks..lb.	20.00 -	22.00
tech., tins, works.....lb.	15.00 -	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton.	No prices	
land pebble, 68% min., bulk, mines..long ton.	1.90 -	—
Phosphate rock, Fla., land pebble, 70% min., bulk, mines. 72% min., bulk, mines.... long ton.	2.50 -	—
Tenn., 72% bulk, mines..... long ton.	4.50 -	—
75% bulk, mines..long ton.	5.50 -	—
Phosphorus, red, cs.....lb.	.40 -	.44
yellow, dms.....lb.	.18 -	.20
cases .....lb.	.22 -	.25
Oxychloride, cyls.....lb.	.15 -	.18
Pentoxide, dms., c.l., works..lb.	.11 -	.12
l.c.l., dms., works.....lb.	.13 -	.14
Sesquisulphide, cs.....lb.	.38 -	.42
Trichloride, cyls.....lb.	.15 -	.16
Phthalamide, bbls., works, tons.lb.	.35 -	—
single bbls., works.....lb.	.40 -	—
kgs., works.....lb.	.45 -	.50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb.	.14½-	—
l.c.l., same basis.....lb.	.15½-	—
Pichi leaves, bgs.....lb.	.10 -	.11
Pilocarpine hydrochloride, bots., vis..oz.	4.00 -	4.25
Nitrate, bots., vis.....oz.	3.90 -	4.15
Pimento, Jamaican, bgs.....lb.	.33 -	.35
Mexican, bgs.....lb.	.13½-	.14
Pinkroot, bls.....lb.	.40 -	.41
Pitch, burgundy (see B). Coaltar, 160° m.p., bbls., c.l., works..ton.	19.00 -	—
l.c.l. .....ton.	22.00 -	—
Hardwood, 1-time dms., c.l., dlvd. Akron..ton.	23.75 -	24.00
Linseed, dms.....lb.	.05 -	.05¼
Petroleum (see Asphaltum, Mexican, Texas)		
Pine, bbls.....bbl.	6.00 -	6.50
Plaster of Paris (see Gypsum).		
Pleurisy root, Southern, bls...lb.	.12 -	.13
Podophyllin, dms., dlvd. E. of Miss..lb.	4.50 -	4.70
Poke root, bls.....lb.	.07 -	.07½
Polyamyl naphthalene, l.c.l., dms., works..lb.	.30 -	—
Pomegranate bark, bgs.....lb.	.48 -	.50
Root bark, bgs.....lb.	.60 -	.65
Poppy flowers, red, bls.....lb.	.70 -	.75
Seed, Dutch, bgs.....lb.	.36½-	.37
Roumanian, bgs.....lb.	.37 -	.38
Turkish, bgs.....lb.	.32 -	.33
Potash abietate.....lb.	.08 -	—
Acetate, tech., bbls., dlvd....lb.	.26 -	—
kgs., dlvd.....lb.	.28 -	—
USP, bbls., 250 lbs.....lb.	.28 -	—
kgs., 100 lbs.....lb.	.30 -	—
cns., 25 lbs.....lb.	.31 -	.44
Arsenite, USP, solut., 100-lb. lots, cbys., demijs..lb.	.13 -	.15
Potash, bicarbonate, USP, cryst., bbls., 300 lbs..lb.	.15 -	—
gran., bbls., 250 lbs.....lb.	.15 -	—
Bichromate, spot, c.l., works.lb.	.08⅞-	—
6 casks or 10 bbls., or over, works..lb.	.09 -	—
5 casks or 9 bbls., or less, works..lb.	.09¼-	—
Bromide, USP, gran., bbls., 500 lbs..lb.	.27 -	—
kgs., 100 lbs.....lb.	.28 -	—
Carbonate, calc., dms., c.l., works..lb.	.06½-	—
l.c.l., same basis.....lb.	.06⅝-	—
hydrated, 83-85%, bbls., c.l., works..lb.	.05½-	—
l.c.l., same basis.....lb.	.05⅝-	—

Pet. Miner. Spts.—Pot. Glycero.

Potash, carbonate, liquid, dms., c.l., works, frt. alld..lb.	.03 -	—
l.c.l., dms., same basis.lb.	.03¼-	—
tanks, same basis.....lb.	.02⅝-	—
USP, gran., bbls., 325 lbs..lb.	.14 -	.16
powd., bbls., 325 lbs.....lb.	.19 -	—
kgs., 100 lbs.....lb.	.21 -	—
Caustic, flake, 88-92%, dom., c.l., works..lb.	.07 -	—
import, dms.....lb.	No prices	
liquid, 45% basis, dms.....lb.	.03¼-	.03⅝
tanks .....lb.	.02⅝-	—
solid, 88-92%, dom., dms., c.l., works..lb.	.06¼-	—
l.c.l. .....lb.	.06½-	.06¾
import, dms.....lb.	No prices	
Chlorate, cryst., kgs.....lb.	.11	Nom.
pwd., kgs.....lb.	.09¾-	.10
Chloride, tech., 95%, cryst., bgs., kgs..lb.	.06	Nom.
Chromate, kgs.....lb.	.24 -	.27
Citrate, USP, gran., 250-lb. bbls., lbs..lb.	.33½-	—
100-lb. dms.....lb.	.34½-	—
50-lb. dms.....lb.	.35½-	—
25-lb. dms.....lb.	.37½-	—
powd., 3c. per lb. higher.		
Cyanide, dom. dms., works..lb.	.55 -	—
Cyanide, gold, 41% gold, bots., works..oz.	14.20 -	14.85
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb.	1.00 -	—
100-lb. lots.....lb.	1.10 -	—
50-lb. lots, cbys., or cns., lb.	1.15 -	—
25-lb. lots, cns.....lb.	1.25 -	—



Right from the Ground Up

In products of the factory, as in products of the earth, the manufacturer reaps what he sows. They both must be *right* from the ground up. In manufactured products that means thoroughly reliable raw materials. Niagara Alkali Company has provided such materials to mills and plants in many industries for more than three decades. They have helped to produce fine quality products in great variety. Users have learned to rely on Niagara as a thoroughly dependable, consistently helpful source of supply for Caustic Soda, Caustic Potash and Carbonate of Potash.

Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Company, Pioneer Manufacturer of Liquid Chlorine

CAUSTIC SODA
CARBONATE OF POTASH
CAUSTIC POTASH

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ISCO SOFT DECOMPOSED
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LARVACIDE (Chlorpicrin) Fumigant

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CARNAUBA and CANDELILLA—Flake and Lump

BEESWAX—Yellow Refined and White Sunbleached

In WATER SOLUBLE GUMS we can meet any need. You will find here the product that will serve your purpose efficiently, as well as economically.

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BOSTON · PHILADELPHIA · CHICAGO · CLEVELAND · GLOVERSVILLE, N. Y.
A National Institution

Pot., Guaiac. Sulph.—Red Para

Potash, guaiacosulphonate, fib. dms., 100-lb. lots	lb.	1.60 - 1.65
cns., 25 lbs.	lb.	1.75 - —
Hydroxide, USP, sticks cns., 100 lbs. to 1,000 lbs.	lb.	.32 - .34
Hypophosphite, cns., 100 lbs.	lb.	.72 - —
25 to 50 lbs.	lb.	.75 - —
Iodate, bots., 5 lbs.	lb.	3.46 - —
cns., 25 lbs.	lb.	3.35 - —
Iodide, bots. or cns.	lb.	1.44 - 1.48
dms.	lb.	1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports	ton.	No prices
Manure salt, dom., min., 30%, K_2O, bulk, ex vessels, ports.	Unit-ton.	.60 - —
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports	ton.	No prices

Domestic manure salt prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above. Prices in bags are $2 per ton higher than bulk prices.

Metabisulphite, kgs.	lb.	.21 Nom.
Muriate, dom., min., 50% or 62%, K_2O, bulk, ex-vessel, ports	unit-ton.	53½- —
import, min., 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port—unit-ton.		No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.

Oxalate, pure, cryst., kgs.	lb.	.40 - .42
tech., bbls., dms.	lb.	.28 - .30
Nitrate, crude, bgs., c.i.f. ports,	ton.	No prices
Perchlorate, kgs., works	lb.	.09½- .11
Permanganate, tech., dms.	lb.	.19¼- .19¾
U.S.P., dms.	lb.	.20 - .20⅝
Prussiate, red., bbls.	lb.	No prices
Yellow, bbls.	lb.	.16 - .18
Recinoleate, tech., bbls.	lb.	.13 - —
Silicate alkaline, lumps, bgs.	lb.	.07 - —
Sulphate, NF, powd., 350 lbs., bbls.	lb.	.15 Nom.
100-lb. kgs.	lb.	.17 - —
Prices on granular 4c. higher. tech., dom., bgs., basis 90%, K_2SO_4, ex-vessel, ports,	ton.	36.25 - —
bulk, same basis	ton.	34.25 - —
imp., min., 90%, bgs., ex vessel, Atl. or Gulf ports	ton.	No prices
Xanthate, dms., c.l.	lb.	.12 - —
Potash-magnesia, sulphate, dom., bgs., 40%, K_2SO_4, ex-vessel, ports	ton.	27.00 - —
bulk, same basis	ton.	25.00 - —
Potash-soda ferricyanide, dms., works	lb.	.36 - .39
Potash titanium oxalate, 350-lb. bbls.	lb.	.40 - —
100-lb. dms.	lb.	.40 - —
Prickly ash bark, bls.	lb.	.12 - .13
Berries, bgs.	lb.	.28 - .30
Prince's pine herb, bls.	lb.	.22 - .23
Procaine, hydrochloride, 25-lb. cns.	lb.	8.00 - —
5-lb. cans	lb.	8.25 - 8.50
1-lb. bots.	lb.	8.75 - —
Propane, tanks, Group 3	gal.	.03¾- .04
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.85 - .90
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F., and coarser, bbls., 3 or over, works	lb.	No prices
less than 3, works	lb.	No. prices
F and I, bbls., 3 or over, works	lb.	No prices
less than 3, works	lb.	No prices
O, O—½, O—¾, and ½, bbls., 3 or over, works	lb.	No prices
less than 3, works	lb.	No prices
Ital.-grd., bgs., c.l., ship., ex dock, N. Y.	ton.	No prices
l.c.l., 5-29 tons, ex whse.	ton.	No prices
1,060-10,000 lbs., ex whse.	ton.	No prices
1 to 1,000 lbs., ex whse.	ton.	No prices
single bgs., ex whse.	ton.	No prices
Pumpkin seed, bgs.	lb.	.10 - .11
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	3.15 - —
linseed oil, raw, dms.	100 lbs.	5.00 - —
refined, dm	100 lbs.	5.50 - —
standard, dms.	100 lbs.	4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., divd.	gal.	4.75 - 4.95
(30 to 1), 3 grams pyrethins per 100 cc., dms., divd.	gal.	7.20 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), 2% pyrethrins, frt. alld., bbls.	lb.	.23 - .25
fine powd., 2% pyrethrins, frt. alld., bbls.	lb.	.25 - .26
Pyridin, denaturing, dms.	gal.	1.71 - —
refd., 2°, dms.	lb.	.48 - —
Pyrites Spanish, bulk, c.l.f. Atl. ports	unit-ton.	No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins.	lb.	2.15 - 2.40
resublimed, fib. dms., tins.	lb.	4.60 - —
Pyrophylite, standard, 200 mesh. c.l., mines	ton.	9.00 - —
325 mesh, same basis	ton.	12.00 - —
No. 3, 200 mesh, c.l., mines	ton.	7.50 - —
325 mesh, same basis	ton.	12.00 - —
Pyroxylin scrap amber, cs., works	lb.	.12 - —
black, cs., works	lb.	.10 - —
china white, ivory, cs., works,	lb.	.13 - —
dense, white, cs., works	lb.	.10 - —
gray, cs., works	lb.	.08 - —
mixed, mottles, opaque, cs., works	lb.	.04 - —
translucent pastels, cs., works	lb.	.10 - —
transparent, cs., works	lb.	.20 - —
colors, cs., works	lb.	.12 - —
shavings, amber, cs., works.	lb.	.16 - —
colors, mixed, cs., works.	lb.	.10 - —
white, cs., works	lb.	.15 - —

Q

Quassia chips, bls.	lb.	.05 - .06
Quebracho extract, liquid, 35% tan, bbls., works	lb.	.04½- —
tanks, works	lb.	.03¾- —
solid, 63%, bgs., c.l., ex dock, plus duty	lb.	.04⅞- —
clarified, 64%, bgs., c.l., same basis	lb.	.05½- —
pwd., bgs., c.l.	lb.	.07½- —
l.c.l., bgs.	lb.	.08½- —
Queen of the meadow leaves, bgs.	lb.	.07½- .08
Root, bgs.	lb.	.10 - .11
Quercitron, extract, liquid, 50°, bbls.	lb.	.03½- .03½
solid, dms.	lb.	.11 - .10½
Quicksilver, dom., flasks (76 lbs. net), divd., N.Y.	flask.	180.00 -182.00
European, flasks (76 lbs. net), c.i.f., N. Y., incl. war risk insurance	flask.	250.00 - —
ex store	flask.	252.00 - —
Quince seed, bgs.	lb.	1.10 - 1.15
Quinidine, N.F.V., cryst., cns.	oz.	1.06 - —
powd., precip., cns.	oz.	1.01 - —
Sulphate, cns.	oz.	.71 - —

Subject to surcharge of 8½c. per oz; see note under Quinine.

Quinine, 100 ozs., cns.	oz.	.84 - —
Acetate, cans	oz.	1.05 - —
Arsenate, cns.	oz.	1.05 - —
Arsenite, cns.	oz.	1.07 - —
Bisulphate, cns.	oz.	.60 - —
Citrate, cns.	oz.	.78 - —
Dihydrobromine, bots.	oz.	.82 - —
Dihydrochloride, bots.	oz.	.82 - —
Ethylcarbonate, cns.	oz.	.85 - —
Ferrocyanide, cns.	oz.	1.07 - —
Formate, cns.	oz.	1.00 - —
Hydrochlorosulphate, cns.	oz.	.81 - —
Glycerophosphate, cns.	oz.	1.20 - —
Hydrochloride, cns.	oz.	.76 - —
Hydroiodide, cns.	oz.	1.05 - —
Hypophosphite, cns.	oz.	1.07 - —
Phosphate, cns.	oz.	.90 - —
Salicylate, cns.	oz.	.79 - —
Sulphate, USP. XI, cns.	oz.	.67 - —
Sulphocarbonate, cns.	oz.	1.05 - —
Tannate, cns.	oz.	.63 - —
Tartrate, cns.	oz.	1.03 - —
Valerate, cns.	oz.	.99 - —

Quinine buyers must pay a surcharge of 8½c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Quinine-urea hydrochloride, cns.	oz.	.81 - —

Subject to surcharge of 8½c. per oz; see note under Quinine.

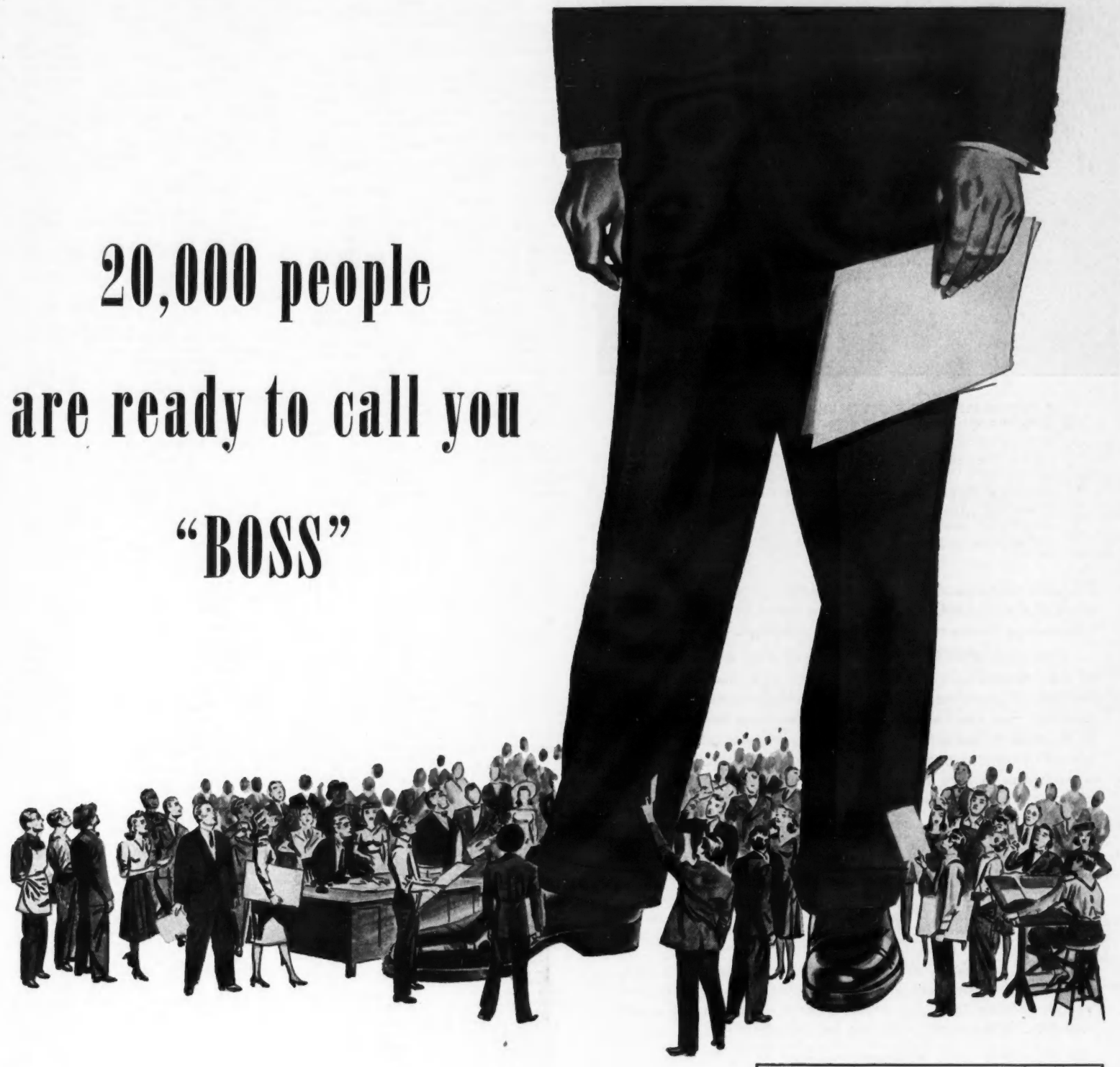
R

R salt, dry, bbls.	lb.	.55 - —
paste, dms.	lb.	.52 - —
Rapeseed, Argentine, bgs.	lb.	.06 - .06½
Dutch, bgs.	lb.	No stocks
Indian, small, recleaned, bgs.	lb.	.06¼- .06½
medium, recleaned, bags.	lb.	.07½- .08
Japanese, bgs.	lb.	No stocks
Raspberries, dried, bls.	lb.	.60 - .65
Red, alizarin lake, bbls., divd. N. of Tenn. and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10 - 1.90

Red, alizarin lake prices are ½c. higher divd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.90 - —
smaller lots, same basis.	lb.	.95 - —
kgs., ton lots, same basis.	lb.	.95 - —
smaller lots, same basis.	lb.	1.00 - —
light shade, bbls., ton lots, same basis.	lb.	.75 - —
smaller lots, same basis.	lb.	.80 - —
kgs., ton lots, same basis,	lb.	.80 - —
smaller lots, same basis.	lb.	.85 - —
light-medium shade, bbls., ton lots, same basis.	lb.	.80 - —
smaller lots, same basis.	lb.	.85 - —
kgs., ton lots, same basis.	lb.	.85 - —
smaller lots, same basis.	lb.	.90 - —
maroon shades, bbls., ton lots, same basis.	lb.	1.00 - —
smaller lots, same basis.	lb.	1.05 - —
kgs., ton lots, same basis.	lb.	1.05 - —
smaller lots, same basis.	lb.	1.10 - —
medium shade, bbls., ton lots, same basis.	lb.	.85 - —
smaller lots, same basis.	lb.	.90 - —
kgs., ton lots, same basis.	lb.	.90 - —
smaller lots, same basis.	lb.	.95 - —
Selenide, bbls., light, works.	lb.	2.20 - —
maroon, works	lb.	2.70 - —
Carmine, 40, dms., 100 lbs.	lb.	4.60 - —
50 lbs.	lb.	4.75 - —
cns., 5 lbs.	lb.	5.25 - —
1 lb.	lb.	5.35 - —
Crocus martis (see Red, purple oxide).		
Eosin toner, bbls.	lb.	1.25 - —
Fire, toner, bbls.	lb.	.85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y.	lb.	.08¾- —
80-85%, bbls., same basis	lb.	.07¼- —
Iron oxide (see Red oxide).		
Lacquer maroon, bbls., same basis.	lb.	1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts.	lb.	.90 - —
open order	lb.	.90 - —
Litho toner, bbls., same basis, alizarin, lake, contracts.	lb.	.55 - —
open order.	lb.	.60 - —
Rose lake, bbls.	lb.	.20 - .28
Pink, bbls.	lb.	.15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts.	lb.	1.10 - —
Maroon lake, 25%, kgs., same basis, alizarin lake, contracts.	lb.	.40 - —
Mercury oxide, tech., bbls., 10,000 lbs.	lb.	2.79 - —
smaller lots.	lb.	2.81 - —
Metallic, bbls., Pa., works.	lb.	.02 - —
Orange, Persian (see O).		
Oxide, pure, bbls., c.l., works,	lb.	.08½- —
l.c.l., works.	lb.	.09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio.	lb.	.08¼- —
80% copperas oxide, bbls., same basis.	lb.	.07¾- —
Para, toner, concent., kgs, same basis, alizarin lake, contracts.	lb.	.70 - —
open order.	lb.	.75 - —

20,000 people are ready to call you "BOSS"



THESE 20,000 people are in the business of making containers.

Some of them are research men . . . some marketing men . . . and some engineers. *Their* job is to help package products in the *right* container.

Among these 20,000 people, are also scientists who solve all sorts of packaging problems. . .

. . . and efficiency experts who improve packaging methods, cut down packaging costs.

. . . and Sales Roadmen to watch over your closing machines as well as salesmen to give you prompt, helpful service.

You'll find merchandising and advertising men, too. *Their* specialty is promoting packaged products.

Then, to keep container-making factories all over the country turning out regular and rush orders, there are executives with their secretaries, mechanics and laborers, truckmen and truck drivers.

These 20,000 people make up American Can Company.

Whenever you place an order with American Can Company, you put these 20,000 people to work for you. Your problems become *their* problems. And, in a real sense of the word, they call you "boss."

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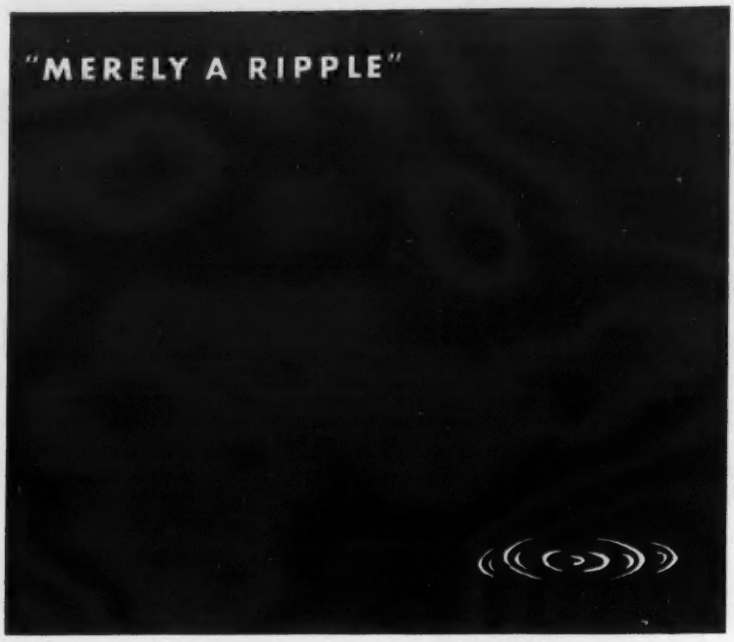
What American Can Puts Against Packaging Problems

- 5 laboratories employing 134 people college trained in the pure, natural, and engineering sciences.
- 13 points from which customers' machinery is serviced . . . 6 points at which customers' machinery is built.
- 67 plants located strategically in the U. S., Canada, and Hawaii.
- A factory-trained sales staff who are specialists in many different types of industry.
- An executive personnel backed by a financial strength that is in itself a tangible business asset.

CANCO



A PEBBLE DROPS INTO A QUIET POOL. MERELY A RIPPLE APPEARS ON THE SURFACE, BUT A WHOLE SERIES OF COMPLEX REACTIONS IS SET UP BENEATH IT. A NEW GROUPING OF MOLECULES IS ACHIEVED IN A CHEMICAL LABORATORY—MERELY A RIPPLE, PERHAPS—BUT NONE CAN FORESEE ALL THE FORCES IT MAY SET IN MOTION. WHAT AN INCENTIVE TO THE EVER-INQUISITIVE MIND OF THE CHEMIST!

Probably only a chemist can understand the never-ceasing exploration of the unknown that is daily work for so many of us in the chemical-producing and chemical-using industries.

Here at HOOKER, it is the very life of many specialists. Out of their research have developed numerous new chemicals, better methods of guarding the purity and uniformity of HOOKER products, new applications to improve processes and products. In this work, wholehearted co-operation with customers' chemists plays an important part. HOOKER welcomes consultation and opportunites to help solve problems involving the production, choice and use of chemicals.

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CHEMICALS

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Caustic Soda
Liquid Chlorine
Bleaching Powder
Muriatic Acid
Ferric Chloride Solution
Sulfur Dichloride
Sulfur Monochloride
Aluminum Chloride, Anhydrous
Antimony Trichloride, Anhydrous
Arsenic Trichloride, Anhydrous

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HOOKER ELECTROCHEMICAL COMPANY
NIAGARA FALLS, NEW YORK
NEW YORK CITY TACOMA, WASHINGTON

HOOKER E CO ELECTROCHEMICAL

360

Red, Persian—Soda Ash

Red, Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .05 - —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Angeles, Portland, Seattle..lb. .06½- —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis, alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y..lb. .04½- —
Toluidin toner, kgs., same basis, alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N.Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 Nom.
quicksilver, bbls.....lb. 3.20 - 3.27
Red dyes are listed under Dyes.
Red, precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 3.06 - —
Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200-lb. dms., frt. alld., E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
USP, cryst., 100 lbs., dms., frt. alld., E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .10 - .11
Rhubarb, cs.....lb. .38 - .40
powd., bbls., kgs.....lb. .43 - .45
Riboflavin .....gram 1.50 - 2.00
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .39½- —
smaller lots.....lb. .40 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .38½- —
smaller lots.....lb. .39 - —
Rose flowers, pale, bls.....lb. .42 - .43
red, bls.....lb. 5.00 Nom.
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .26 - .27
Rosin, gum B, bbls., ex dock.. 100 lbs. 2.15 - —
D, bbls.....100 lbs. 2.36 - —
E, bbls.....100 lbs. 2.42 - —
F, bbls.....100 lbs. 2.46 - —
G, bbls.....100 lbs. 2.46 - —
H, bbls.....100 lbs. 2.46 - —
I, bbls.....100 lbs. 2.46 - —
K, bbls.....100 lbs. 2.46 - —
M, bbls.....100 lbs. 2.46 - —
N, bbls.....100 lbs. 2.54 - —
W. G., bbls.....100 lbs. 2.93 - —
W. W., bbls.....100 lbs. 3.26 - —
X, bbls.....100 lbs. 3.25 - —
wood, F.F., bbls.....100 lbs. 1.65 - 2.00
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.25.50 - —
l.c.l., f.o.b. mines.....ton.37.50 - —
import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .40 - .45
Spanish, tins.....lb.27.00 -28.00
Safrol, cns.....lb. 1.03 - —
dms. .....lb. 1.00 - —
Sage, Dalmatian, garden, bls..lb. 1.50 Nom.
stemless, bls.....lb. No stocks
ground, bls.....lb. 1.50 Nom.
Greek, believed afloat, bls....lb. .50 - .52
Spanish, bls..... ..lb. No stocks
Sago, flour, bgs.....lb. .04½- .05
Salicin, bots., 5 lbs.....lb. 7.00 - —
cns., 25 lbs.....lb. 6.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd. N. Y..ton.13.70 - —
l.c.l., bgs., dlvd. N. Y..ton.15.50 -16.10
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.15.70 - —
l.c.l., dlvd. N. Y.....ton.16.60 -19.70
Saltcake, grd., dom., bbls., works, ton.24.00 Nom.
bulk, works.....ton.17.00 Nom.
import, bulk, c.i.f.....ton.16.50 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.60 - 9.40
1-9 tons.....100 lbs. 8.75 - 9.75
less than ton lots..100 lbs. 9.00 -10.00
gran., bbls., 10-20 tons..... 100 lbs. 7.60 - —
1-9 tons.....100 lbs. 7.75 - —
less than ton lots..100 lbs. 8.90 - —
powd., bbls., 10-20 tons..... 100 lbs. 8.60 - —
1-9 tons.....100 lbs. 8.75 - —
less than ton lots..100 lbs. 9.00 - —
Santonin, cryst., cns.....kilo.150.00 -155.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .32 - .33
Mexican, bls.....lb. .24 - .25
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .20 - .21
Savory, bls.....lb. 1.50 - 1.60
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipment..lb. .30¾- —
smaller lots.....lb. .31¼- —
kegs, 5,000 lbs., 1 shipm't..lb. .31¼- —
smaller lots.....lb. .31¾- —
Selenium, pwd. A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .90 - .95
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Senna, Tinnevelly, No. 1, bls., lb. .13 - .14
2 bls.....lb. .11 - .13
3 bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .13 - .14
Pods, bls.....lb. .10 - .11
Serpentaria root, bls.....lb. .60 - .65
f.o.b. N.Y..lb. .31 - .32
Shellac, bleached, bonedry, bbls. dlvd., Boston.....lb. .31 - .32
Chicago .....lb. .31½- .32½
Pacific Coast.....lb. .33½- .34½
rfd., bbls., f.o.b. N.Y.....lb. .37 - .38
dlvd., Boston.....lb. .37½- .38½
Chicago .....lb. .37¾- .38¾
Pacific Coast.....lb. .40 - .41
Garnet, bgs.....lb. .25 - .26
D.C., V.S.O., or Diamond I, cs., cs..lb. .34 - .35
Superfine, bgs., f.o.b. Boston, N. Y..lb. .25 - .26
dlvd., Chicago.....lb. .25½- .26½
Pacific Coast.....lb. .28 - .29
T. N., bgs., f.o.b. Boston, N. Y..lb. .24½- .25½
dlvd., Chicago.....lb. .25 - .26
Pacific Coast.....lb. .28 - .29
varnish, Metro area, orange, 5-lb. cut, bbls..gal. 1.25 - 1.30
4½-lb. cut, bbls.....gal. 1.20 - 1.25
4-lb. cut, bbls.....gal. 1.15 - 1.20
white, 5-lb. cut, bbls.....gal. 1.35 - 1.40
4½-lb. cut, bbls.....gal. 1.30 - 1.35
4-lb. cut, bbls.....gal. 1.25 - 1.30
Prices, dlvd., Boston or Chicago, 10c. per gal. higher.
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works, ton.21.00 - —
smaller lots, works.ton.25.00 - —
400 mesh, bgs., c.l., works, ton.30.00 - —
l.c.l., 2½ tons, works.ton.35.00 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
med. grd., 99%, 325 mesh, l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works..ton.13.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works, ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .34¾- —
Govt. purchase, dom., metal, oz. .7111- —
Govt. purchase, foreign metal, oz. .35 - —
Cyanide, cns., 2,500 ozs.....oz. No prices
1,000 ozs.....oz. No prices
500 ozs.....oz. No prices
80 to 100 ozs.....oz. No prices
Nitrate, vis.....oz. .34 - —
Nucleinate, bots., dms.....oz. .29 - .34
Proteinate, bots., dms.....oz. .28 - .33
Simarubra barks, bls.....lb. .30 - .35
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .36 Nom.
Smalt, black, extra velvet, ctns., lb. .05 - .08
Blue, ctns.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .10 - .11
crushed, bls., bbls.....lb. .13 - .13½
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .17 - .18
powd., bbls.....lb. .16 - .17
Soda, acetate, anhyd., dms., dlvd., lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - .04¼
l.c.l., dlvd..lb. .04¾- .05
USP, bbls., dlvd.....lb. .06 - —
90%, dms., c.l., dlvd.....lb. .06 - .06½
l.c.l., dlvd.....lb. .06¾- .07
Alginate, dms., bbls., works..lb. .39 - .70
Antimoniate, bbls., dlvd.....lb. .14 - .14½
Arsenate, dms., dealers, c.l., works..lb. .07½- —
l.c.l., dms., works.....lb. .08¾- .09¼
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06¼- —
l.c.l., dms., works.....lb. .07 - .07½
white, dms., c.l., dealers, works..lb. .07¼- —
l.c.l., dms., works.....lb. .08 - .08½
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works...100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. — - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including

also St. Louis, Mo., and Davenport, Ia., parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zone 2: Ark. East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.

Soda, benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech.. bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - —
l.c.l. .....100 lbs. 1.90 - —
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
l.c.l. .....lb. 2.60 - —
powd., bbls., c.l., works... 100 lbs. 1.85 - —
l.c.l., dlvd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11½- .12
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works... 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works..100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fiber drms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works..... 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works..... 100 lbs. 2.00 - —
solid, 76% ammon., process, drms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, drms., c.l., works..100 lbs. 2.30 - —

Soda, caustic, solid, electro process, drms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
Citrate, USP VIII, 225-lb. bbls., lb. .18½- —
cns., drms., 50-lb. lots....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
drms., kgs., 100-lb. lots...lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., drms., lb. .14 - .15
imports, 90%, cs.....lb. No prices
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
anhy., drms., dlvd.....lb. .12½- —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis.lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —

Soda fluoride prices at Los Angeles are f.a.s. works.

Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-
Hyposulphite, cryst., large, bgs., works, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd...100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
Soda, hyposulphite, pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 2.80
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots. .....lb. 2.53 - 2.57
Mandelate, 100-lb. dms.....lb. 3.25 - —
Metanilate, bgs.....lb. .41 Nom.
Metasilicate, anhyd., dms., c.l., works, frt. equalld.. 100 lbs. 3.75 - —
15 dms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis... 100 lbs. 4.50 - —
1-2 dms., same basis... 100 lbs. 5.05 - —
gran., bbls., c.l., works...lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N.Y.....lb. 3.35 - —
Molybdate, anhyd., kgs., works, lb. .47 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing points or ports, rail or boat shipment.ton.29.40 - —
200-lb. bgs., same basis.. ton.28.70 - —
bulk, same basis.....ton.27.00 - —
refd., gran., bbls., 10-ton, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 5.50 - —
1-9 tons.....100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11½

Soda nitrite l.c.l. prices range represents delivery at various points.

Orthosilicate, anhy., dms., c.l., works, frt. equal'd..lb. 4.50 - —
15 dms., and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1- 2 dms., same basis..lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .42 - —
kgs. .....lb. .44 - —
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.40 - —
l.c.l., works.....100 lbs. 6.35 - —
bbls., c.l., works...100 lbs. 5.60 - —
l.c.l., works.....100 lbs. 6.55 - —
cryst., tech., bgs., c.l., works..100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
bbls., c.l., works...100 lbs. 2.40 - —
l.c.l., works.....100 lbs. 2.80 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works...lb. 2.35 - —
l.c.l., works.....100 lbs. 2.75 - —
bbls., c.l., works...100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
kegs, c.l., works...100 lbs. 3.05 - —
l.c.l., works.....100 lbs. 3.45 - —
USP (dibasic), bbls., dms., works..lb. .08 - .10
dried, bbls., dms., works..lb. .11½- .16
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .. ..lb. .09½- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt., equal'd.100 lbs. 5.10 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized, 100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., dlvd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....lb. 1.10 - 1.30
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l., works..100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1....100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —

Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.

Sesquisilicate, dms., c.l., works, 100 lbs. 2.90 - —
10 dms. or over, dlvd. N.Y.C., 100 lbs. 4.00 - —
1-9 dms.....100 lbs. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works...100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .10 - .12
Stannate, dms.....lb. .53½- .56½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Soda, sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs., 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, gran., bbls., dms..lb. .26 - .29
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphohydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works...lb. .08 - —
tanks, works.....lb. .04½- —
flake, 70-72%, dms., c.l., works, lb. .04½- —
l.c.l., works.....lb. .05 - —
Sulphoricinolate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, dms., wks.gal. tanks, E. of Omaha, frt. alld., gal. .31 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
high-flash, dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld..gal. .26 - —
Sorbitol, com'l, dms., c.l., works, lb. .14¾- —
ton lots, contracts, works, lb. .15¼- —
smaller lots, works.....lb. .15¾- —
Soybean meal, 41-44%, bgs...ton.31.70 - —
protein, bgs., c.l., works....lb. .11½- —
l.c.l., works.....lb. .11¾- .15
Sparteine sulphate, cns.....oz. 4.00 - 4.25
Spearmint leaves, bls.....lb. .30 - .31
Spikenard root, bls.....lb. .16 - .17
Spruce extract, reg., bbls., c.l., works..lb. .01¾- —
tanks, works.....lb. .01½- —
powd., super, bgs., c.l., works, lb. .04 - —
super, bbls., c.l., works.....lb. .01¾- —
tanks, works.....lb. .01⅝- —
Squawvine, leaves, bls.....lb. .14 - .15
Squill, red, powd.....lb. 1.25 - 1.30
White, bls.....lb. No prices
powd., bbls., bxs.....lb. No prices
St. Ignatius beans, bgs.....lb. .45 - .46
St. John's Bread, edible, bls., lb. .15 - .20
inedible, bls.....lb. .09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 3.00 - —
dlvd., N. Y.....100 lbs. 3.35 - —
powd., bgs., f.o.b. Chicago, 100 lbs. 3.70 - —
dlvd., N. Y.....100 lbs. 3.45 - —
Potato, dom., bgs., c.l.....lb. .05 - —
l.c.l. .....lb. .06 - —
import, bgs.....lb. No prices
Rice, bbls.....lb. .07½- .08¼
Sweetpotato, bgs.....lb. .06¼ Nom.
bbls. .....lb. .07 Nom.
Wheat, thick, boil, bgs.....lb. .05 - —
Starch, iodide, bots.....lb. 1.87 - —
Stavesacre, seed, bgs.....lb. .35 - .40
Stearin, oleo.....lb. .09¼ Nom.
Stillingia root, bls.....lb. .07½- .08
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. 1.80 - 1.85
Stramonium leaves, bls.....lb. .48 - .52
Strontium bromide, cns.....lb. .52 - .55
Carbonate, NF, IV, 250-lb. bbls..lb. No prices
tech., 99-100%, precip., bbls., lb. .25 Nom.
Chloride, tech., bbls.....lb. .20 - .22
Iodide, bots., 5 lbs.....lb. 3.06 - —
jars, 25 lbs.....lb. 3.00 - —
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-24 bbls. and over.....lb. .08¾- —
Strophanthus seed, Kombe, bgs.lb. 3.75 - 4.00
Strolyl acetate, bots.....lb. 3.10 - 3.20
Strychnine, cryst., cns., 100-oz. lots..oz. .80 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .79 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .82 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .91 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .73 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .80 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .50 - —
powd., cns., 100-oz. lots.oz. .40 - —
Sucrose Octa-acetate, C.P. grade., bbls., l.c.l., works..lb. .55 - —
denat., bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works.....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.45
Milk, bbls., c.l.....lb. .16 - —
l.c.l., 10 or over.....lb. .17 - —
less than 10.....lb. .18 - —
Sulfanilamide, 5 lbs., bots.....lb. 1.70 - —
fib. drms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
25-lb. lots.....lb. 1.45 - —
Sulfapyridine, powd., for hospitals, 5-gram bots..bot. 1.04 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts..long ton.16.00 - —
f.o.b. steamers, Gulf ports, contract..long ton.17.50 - —
Flowers, USP, bgs., c.l., mine, 100 lbs. 2.80 - —
l.c.l., mine.....100 lbs. 3.35 - —
bbls., c.l., mine....100 lbs. 3.15 - —
l.c.l., mine.....100 lbs. 3.70 - —
Flour, comm'l, bgs., c.l., mine, 100 lbs. 1.40 - —
l.c.l., mine.....100 lbs. 1.96 - —
Refined, cast, bgs., c.l., mine, 100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
heavy, USP, bgs., c.l., mine, 100 lbs. 2.35 - —
l.c.l., mine.....100 lbs. 2.90 - —
bbls., c.l., mine.....100 lbs. 2.70 - —
l.c.l., mine.....100 lbs. 3.25 - —
light, USP, bgs., c.l., mine, 100 lbs. 2.45 - —
l.c.l., mine.....100 lbs. 3.00 - —
bbls., c.l., mine.....100 lbs. 2.80 - —
l.c.l., mine.....100 lbs. 3.35 - —

Soda Benzoate—Tin, Tetrac.

Sulphur, refd., lump, bgs., c.l., mines..100 lbs. 1.95 - —
l.c.l., mine.....100 lbs. 2.50 - —
bbls., c.l., mine.....100 lbs. 2.10 - —
l.c.l., mine.....100 lbs. 2.65 - —
roll, bgs., c.l., mine....100 lbs. 2.15 - —
l.c.l., mine.....100 lbs. 2.70 - —
bbls., c.l., mine.....100 lbs. 2.30 - —
l.c.l., mine.....100 lbs. 2.85 - —
Rubbermakers, comm'l, 99½%, bgs., c.l., frt. alld..100 lbs. 2.00 - —
refined, 100%, bgs., c.l., frt. alld..100 lbs. 2.85 - —
Chloride, 55-gal. dms., c.l...lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liquid, com'l, cyls., works...lb. .07 - .09
multi-unit, cars, works.lb. .04½- .07
tanks, works.....lb. .04 - .06
refrigeration, cyls, works..lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.90 - 4.05
Precipitated, USP, bbls.....lb. .17 - .22
Sumac, grd., Sicilian, f.a.s...ton. No prices
leaf, f.a.s.....ton. No prices
Extract, 42°, bbls.....lb. .06 - .06¾
51°, bbls.....lb. .07 - .07¾
stainless, bbls.....lb. .09 - .11
Berries, bgs.....lb. .10 - .12
Sunflower seed, Calif., large, bgs., lb. .06¾- .07¼
medium, bgs.....lb. .06 - .06¼
poultry, Argentine.....lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto., ton. 8.50 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.00 - —
triple, 40-48%, a.p.a., bulk, f.o.b. Balto..unit-ton. .68 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 96-94%, 325 mesh, bgs., c.l., mills..ton.14.00 -16.00
l.c.l., mills.....ton.16.00 -18.00
96-98%, 325 mesh, c.l., mills, ton.15.00 -17.00
l.c.l., mills.....ton.17.00 -19.00
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.15.25 -17.25
l.c.l., mills.....ton.17.25 -19.25
99.85-99.95%, 325 mesh, bgs., c.l., mills..ton.17.00 -19.00
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Aluminum, flake, type grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills..ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
imp., Canad., bgs., c.l., mills, ton. No prices
French, high-grade, bgs., l.c.l., ex whse..ton. No prices
ordinary, bgs., c.l., ex dock, arrival..ton. No prices
l.c.l., ex whse.....ton. No prices
Italian, 1, bgs., ex dock, arrival..ton. No prices
ex whse.....ton. No prices
2, bgs., ex dock, arrival..ton. No prices
Tallow, extra, loose.....lb. .07½- —
special, loose.....lb. .07¾- —
sulphonated, 35% (24% fat), dms., c.l...lb. .04¼- —
l.c.l. .....lb. .05¼- —
50% (43% fat), dms., c.l..lb. .05¾- —
l.c.l. .....lb. .06¾- —
50% (48% fat), dms., c.l..lb. .06¼- —
l.c.l. .....lb. .07¼- —
Tamarind, No. 1, bbls.....lb. .06 - .07
kegs .....keg. 6.00 - 8.00
Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y..unit-ton. 3.00 & .10
10-11% ammon., 15% b.p.l., bulk, basis Chi..unit-ton. 2.75 & .10
feeding, usground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y..unit-ton. 3.25 & .10
high-grade, bulk, Chicago, unit-ton. 3.50 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, January shipments, unit-ton. 2.75 Nom.
Tansy leaves, bls.....lb. .22 - .23
Tapioca flour, bgs.....lb. .04¼- .05½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .25 - —
l.c.l., same basis.....gal. .27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .27 - —
ports .....gal. .26 - —
l.c.l. .....gal. .27 - —
tanks, dlvd. E. cities....gal. .21 - —
Tarragon herb, bgs.....lb. 1.15 Nom.
Tartar emetic, tech., fine gran. or powd., bbls., 5 or more, lb. .44¾- —
less than 5.....lb. .45 - —
USP, powd, bbls.....lb. .50 - —
Terebene, cns.....lb. .90 - .92
Terpinyl acetate, cns.....lb. .80 - .85
Terpin hydrate, bbls., drms.....lb. .60 - .65
Terpineol, CP, cns.....lb. .39 - —
drms. .....lb. .27 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., wks..lb. .06 - .06¼
Tetrachloroethylene, CP, dms..lb. .21½- — tech. (see Perchloroethylene).
Tetralin, dms.....lb. .19 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, bots., works..lb. 5.00 - 7.00
Theobromine, 5-lb. cns.....lb. 3.00 Nom.
Sodiosalicylate, dms.....lb. 2.05 - —
Thiamine hydrochloride, bots., cns. gram. .65 - .90
Thiocarbanilide, dms.....lb. .24 - —
Thorium, nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .62 - .64
Spanish, bls.....lb. .20 - .21
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - 1.60
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Timbo root (see Cube root).
Tin, chloride (ous), anhyd.....lb. .48 - .48½
Crystals, bbls., bgs.....lb. .38 - .38½
Metal, Straits.....lb. .52¼- —
Oxide, bbls.....lb. No prices
Tetrachloride, anhyd., bbls..lb. .27½- .27¾

An EXTRA MEASURE of QUALITY for your LOW-COST PRODUCTS

HIGHER HIDING for your interior and exterior white and light-tinted coatings . . . high chalk resistance for exterior finishes . . . *all at no additional cost.* • If you are interested, we suggest that you investigate TITANOX-RC and TITANOX-RC-HT, the new *rutile* calcium pigments.

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●

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SOLE SALES AGENT

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TITANOX-RC (rutile calcium pigment)

TITANOX-RC-HT (rutile calcium pigment—high tinting)

These new pigments represent notable improvements over the original TITANOX-C (titanium calcium pigment). Both of them, by reason of low specific gravity and high bulking, enhance the inherent advantage of the original pigment—high hiding at low volume cost.

TITANOX-RC is one of the most highly chalk-resistant white pigments ever produced and is suited to exterior coatings. TITANOX-RC-HT is distinguished for high tinting. These pigments have 100 and 140 points higher tinting strength respectively than the original titanium calcium pigment.

TITANOX
THE WHEEL HORSE OF THE PAINT INDUSTRY
REG. U.S. PAT. OFF.

TITANOX
TRADE MARK

Titanium, dioxide, bgs., c.l., (20 tons)..lb. .13½- —
l.c.l., 5 tons, single delivery. lb. .13¾- —
1,000-9,999 lbs.....lb. .14 - —
50-999 lbs.....lb. .14½- —
under 50 lbs.....lb. .16½- —
bbls., c.l. (20 tons).....lb. .13¾- —
l.c.l., 5 tons, single delivery. lb. .14 - —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14½- —
non-chalking, bgs., c.l. (20 tons). lb. .15½- —
l.c.l., 5 tons, single delivery. lb. .15¾- —
1,000-9,999 lbs.....lb. .16 - —
50-999 lbs.....lb. .16½- —
under 50 lbs.....lb. .18½- —
bbls., c.l. (20 tons).....lb. .15¾- —
l.c.l., 5 tons, single delivery. lb. .16 - —
1,000-9,999 lbs.....lb. .16½- —
50-999 lbs.....lb. .16½- —
chalk-resistant, bgs., c.l. (20 tons).. .14 - —
l.c.l., 5 tons, single delivery. lb. .14½- —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14¾- —
under 50 lbs.....lb. .17 - —
bbls., c. l. (20 tons).....lb. .14½- —
l.c.l., 5 tons, single delivery. lb. .14½- —
1,000-9,999 lbs.....lb. .14¾- —
50-999 lbs.....lb. .15 - —
barium or magnesium base, bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05¾- —
under 50 lbs.....lb. .06½- —
bbls., c.l. (20 tons).....lb. .05¾- —
l.c.l. .....lb. .06 - —
calcium base, bgs., c.l. (20 tons). lb. .05¼- —
l.c.l. .....lb. .05½- —
under 50 lbs.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05½- —
l.c.l. .....lb. .06¾- —
calcium-rutile base, bgs., c.l. (20 tons)..lb. .05¼- —
l.c.l .....lb. .05½- —
under 50 pounds.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05¼- —
l.c.l. .....lb. .05¾- —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses.

Toluidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. .85 - .95
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
1° nitration, dms., returnable, gal. .33½- —
tanks, E. of Omaha, frt. alld., gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .28¾- —
Tonga vine, F. bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .70 - .85
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, l.c.l., works....lb. .90 - —
Tributylamine, l.c.l., dms., works, lb. .70 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Phosphate, dms., l.c.l., dlvd.lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorobenzene, dms., c.l., frt. alld..lb. .07 - —
l.c.l., same basis.....lb. .07½- —
tanks .....lb. .06½- —
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, c.l., works, frt. alld., lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
tech., dms.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .32 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. .85 - —
l.c.l., dlvd.....lb. .90 - —
Triphenyl phosphate, dms.....lb. .88 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 90%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .08½ Nom.
Madras, bgs.....lb. .07½- .08

Turpentine, spirits, gums, bbls., c.l., ex dock..gal. .48 - —
l.c.l., 10 ex dock.....gal. .50 - —
5 ex dock.....gal. .52 - —
wood, dest., dist., dms., c.l., dlvd. E. ports..gal. .35 - —
l.c.l. .....gal. .36 - —
tanks, dlvd. E. cities....gal. .30 - —
steam-dist., dms., c.l., dlvd.gal. .42 - —
l.c.l., dlvd.....gal. .45 - —
tanks, dlvd.....gal. .37 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N. C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton.85.00 - —
l.c.l., 5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del.....ton.85.00 - —
smaller lots, f.o.b. Newark, New York, Philadelphia, ton.91.06 - —
any quantity, f.o.b. Belle, W. Va..ton.85.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports.ton.57.40 - —
bags, same basis.....ton.59.40 - —
45% N., tanks, f.o.b. Belle, W. V., or Atl., Gulf ports, ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.127.00 - —
Uva ursi leaves, bls.....lb. .16 Nom.

V

Valerian root, bls.....lb. .48 - 1.25
Valonia, beards, bgs., f.a.s...ton. No prices
cups, bgs., f.a.s.....ton. No prices
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb.11.00 Nom.
Mexican, tins.....lb.10.50 Nom.
cuts, tins.....lb. 9.50 Nom.
South American, tins.....lb.10.50 Nom.
Tahiti, tins.....lb. 5.25 - 5.50
Oleoresin, bots.....lb.20.00 -20.25
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs....lb. 1.75 - 2.00
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lc. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .40 - .41
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.39.50 -41.50
Extract, solid, bgs.....lb .04½- .04¼
liquid, tanks.....lb. .05 - —
bbls. .....lb. .05½- —
Wax, amorphous, group 3, at refineries: 160-165, amber. lb. .15½- —
160-165, black.....lb. .14 - —
160-165, white.....lb. .26 - —
180-185, amber.....lb. .17½- —
180-185, black.....lb. .16 - —
180-185, white.....lb. .30 - —
Bayberry, bgs.....lb. .18 - .20
Bees, white, bleach, slabs, cs., lb. .38 - .40
cake, cs.....lb. .39 - .41
discs, cs.....lb. .40 - .42
yellow, crude, Africa, 10-bg. lots..lb. .30 Nom.
1 bg.....lb. .30½ Nom.
Brazil, bgs., 5-ton lots..lb. .30 - .31
1 ton.....lb. .30½- .31½
500 lbs.....lb. .31 - .32
100 lbs.....lb. .31½- .32½
refd., slabs, cs., lbs.....lb. .35 - .36
Candelilla, bgs., 1 ton.....lb. .21½- .22
jobbing lots.....lb. .22 - .22½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .58 - .60
5 bgs.....lb. .58½- .60½
1 bg.....lb. .59 - .61
N. C., 2, bgs., 1 ton.....lb. .66 - .67
N. C., 3, bgs., 1 ton.....lb. .62 - .62½
5 bgs.....lb. .62½- .63
1 bg.....lb. .63 - .63½
refined, bgs.....lb. .66 - .67
yellow, No. 1, bgs., ton...lb. .69 - .70
5 bgs.....lb. .69½- .70½
1 bg.....lb. .70 - .71
No. 2, bgs.....lb. .68 - .69
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11 - .11½
jobbing lots.....lb. .12 - .12½
150°-160° m.p., bgs., 1 ton..lb. .13 - .13½
jobbing lots.....lb. .14 - .14½
160° m.p., bgs., 1 ton.....lb. .14 - .14½
jobbing lots.....lb. .15 - .15½
Japan, cs.....lb. .17½- .18
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ouricury, crude, bgs.....lb. .45 - .46
double refined, bgs.....lb. .50 - .51
single refined, bgs.....lb. .48 - .49
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26

White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.54 - —
Whiting, chalk, com'l, dry-grd., blp. bgs., c.l., works.ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., works.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap. bgs., c.l., works..ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
wet-grnd., blp. bgs., c.l., works..ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
gilders, bolted, blp. bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
bbls., c.l., works.....ton.20.00 -21.00
l.c.l., works.....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
extra bolted, blp. bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.21.00 - —
bbls., c.l., works.....ton.22.00 -23.00
l.c.l., works.....ton.23.00 -24.00
pap. bgs., c.l., works..ton.19.00 -20.50
l.c.l., works.....ton.20.00 -21.00
Paris white, blp. bgs., c.l., works, ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
Limestone, air-floated, 99.75%, 250 mesh, paper bgs., c.l., ton.10.10 - —
200 mesh, paper bgs., c.l., same basis..ton. 9.35 - —
90%, 200 mesh, paper bgs., c.l., same basis..ton. 7.00 - —
gilders, bgs. (extra), c.l., works, ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., c.l., works, ton.12.50 - —
l.c.l., 8-20 tons, works.ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works...ton.20.60 - —
smaller lots, works..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bls.....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .40 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y..ton.24.00 -25.00
80 mesh, same basis.....ton.26.00 -28.00
100 mesh, same basis.....ton.30.00 -32.00
Woodflour, import, 70 mesh, bgs., ex dock..ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. No prices
Wormwood, bls.....lb. .90 - 1.00

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
tanks, W. of Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works, gal. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
5°, dms., returnable, works, gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .39 - —
3°, dms., returnable, works.gal. .48 - —
tanks, E. of Omaha, frt. alld., gal. .46 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.45 - 1.50
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis.....lb. .60 - .64
imp., bbls., same basis.....lb. .55 - —
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis....lb. .55 - —
kgs., ton lots, same basis....lb. .55 - —
lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, cases, works, lb. 1.10 Nom.
Chrome, CP, bbls., dlvd., No. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .13½- —
open order.....lb. .14½- —
Chrome yellow CP prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide, tech., bbls., 1,000 lbs..lb. 2.57 - —
smaller lots.....lb. 2.59 - —
Ocher, Amer., golden A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —

Titanium—Zinc, Oxide

Yellow, ocher, Amer., yellow A, bbls., works.....lb. .02¼- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto., Boston, N. Orleans for import, lb. .02475 Nom.
New York (f.o.b.)..lb. .02¾ Nom
Philadelphia for import..lb. .02¾ Nom.
San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom.
Indianapolis, Kansas City, Milwaukee, St. Louis..lb. .03¾ Nom.
New York.....lb. .03 Nom.
Pittsburgh .....lb. .03¼ Nom.
Portland, Seattle....lb. .03¾ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o.b. N.Y., from dock, lb. .02¾ Nom.
from whse.....lb. .03½ Nom.
oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y. lb. .04¼- —
l.c.l., same basis.....lb. .04¾ —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .16 - —
open order.....lb. .16 - —
Navy specifications type, contracts..lb. .16 - —
open order.....lb. .16 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .13
Yerba santa leaves, bls.....lb. .09 - —
Yohimbine hydrochloride, vis..oz. 3.00 - 3.50

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., dlvd., lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs.....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .32½- —
25-lb. dms.....lb. .37½- —
kgs. .....lb. .34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
USP, 100-lb. dms.....lb. .30 - .31
25-lb. jars.....lb. .36 - —
Zinc, chloride, solut., 50%, dms., c.l., works..lb. .0290- —
l.c.l., works.....lb. .04 - .04¼
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - .35
Dust, bbls., c.l., dlvd.....lb. .09¼- —
l.c.l., bbls., dlvd.....lb. .09¾- —
Iodide, N. F., bots.....lb. 4.54 - —
jars .....lb. 4.40 - —
Fluoride, bbls.....lb. .20 - .25
Metal (see daily quotations in Market report.)
Oxide, pigment, dom., Amer. process, coml., lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex whse., Pac. cst..lb. .07 - —
leaded, 5%, bgs., c.l., dlvd. lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
35%, bgs., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .06 - —
Pac. cst..lb. .0600- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst..lb. .06½- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
green seal, bgs., c.l., dlvd., lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
l.c.l., ex whse., Pac. cst., lb. .06½- —
bbls., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .06¾- —

—Continued on page 53

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Priorities for Drug Industry

More chemicals and related materials have been put on the priorities list in the program of national defense. Their selection is based on a variety of needs. Some of them are more or less closely related to substances used as drugs. But, seldom, if ever, is the necessity as a drug a controlling influence in the subjecting of a material to priority allocation.

Drugs are essential to national health, and national health is of fundamental importance with respect to national defense, whether related to those armed for defense or to those whose labor produces the arms and all other necessary supplies—including drugs. So, there is something far higher than selfishness in human attributes behind the desires of drug manufacturers to be assured a fair chance of getting supplies of materials of which therapeutic and sanitary agents are made. These desires, expressed formally at the meeting of the American Drug Manufacturers Association last week, were endorsed by representatives of the armed forces' units in the directing personnel of the defense program. These desires are clearly essential to the defense program.

Excellent work is being done for the national defense program by the drug manufacturing industry through the Drugs Resources Advisory Committee. The army and navy are being well served. The needs of the civilian population are not being disregarded, nor is its ability to pay being strained. So, it is as a willing partner, not as a mere purveyor, in the program of defense that the drug manufacturing industry would have the Office of Production Management give it an official voice in the determinations of distributive precedences with reference to raw or intermediate materials required in the manufacture of important drugs.

In asking that a priorities board be set up to administer to its needs, the drug manufacturing industry seeks only recognition which its public service fully deserves. OPM cannot question that and doubtless will act favorably when the formal request is laid before it.

Retain Price-Stabilization

Repeal by Congress of the Miller-Tydings law is not expected by those who have been closely observing the matter. Congressional interest lies in far deeper waters. But, some affecting of this fair-trade-enabling act may result from the inclusion of a rider on a revenue-bill paragraph or, what is more likely, the Tydings-Miller law may be put out of operation, temporarily at least, by the provisions of some general price-regulating authority provided for the President or the Office of Price Administration and Civilian Supply.

It will be well that manufacturers who seriously have adopted the fair-trade contractual method of stabilizing resale prices of their goods give careful thought to the maintenance of such stability in the event of nullification of the Tydings-Miller law's authorization of interstate commerce under such contracts. Two processes are available with respect to contracts with wholesalers: relations with these intermediate distributors may legally be arranged as agency contracts or as voluntary acceptances of a price-stabilization policy on simple information. Proper legal counsel should be had before either method is used.

To carry a price-stabilization policy to sales to the consuming public should the Miller-Tydings law become ineffective, manufacturers could, of course, continue their State-law contracts in States in which they are domiciled. In other States wholesalers could make valid contracts in the same manner.

The benefits of price-stabilization should not be lost while any possibility of retaining them remains.

—O-P-D—

Foreign Trade Service

With a purpose potentially less of defense than of attack, next week will be devoted to foreign trade, such a world-wide competitive idea being launched by the Chamber of Commerce of the United States. The official designation of the period is "National Foreign Trade Week," but this country has no national interest in foreign trade. There is no reason why it should have comparable with those which start from the very economic existence of most European countries. There is no reason also for this country to adopt the low-pay system which is essential to success in world trade under both what have been and what must be normal conditions.

There is a fairly large opportunity for a goodly portion of the industry of this country to do a reasonably profitable business in foreign trade. This will require a substantial change in Federal policies and practices in that field. It will require, for one thing, the development of a proper system of financing, from which even the new export-import facilities fall far short if the related experiences of prospective traders are a criterion.

The chamber of commerce sees the limitations of foreign trade for American business. In its recent annual meeting it expressed its ideas on this subject in a resolution to the following effect:—

Preservation of as much as possible of our present foreign trade and development of a distinctive foreign-trade service in the government with provision for liaison with all other Federal agencies having duties related to foreign commerce.

That idea might have been expressed with less confusion. It might have defined a better distinction between the governmental agency which it proposes and the others which it would have in correlation and collaboration with its proposed creation. The idea should concern itself also with governmental agencies having to do with domestic trade; for there must emphatically be correlation, coordination, cooperation, and collaboration in that direction. Hence the confusion, at least in minds which accept without knowledge the nominally connoted functioning of existing bureaus. A distinctive service is desirable, but it must also be discriminative.

The most important item in connection with the chamber's proposal is the development of a definite foreign-trade policy. Such a development is as necessary on the part of business as it is on that of government. The chief difficulty which it presents lies in the fact that the policies of governments and business of other countries will not fit conditions in the United States. That, of course, is true with respect to many other policies for government and for business, which nevertheless are at least experimentally applied.

No foreign-trade service could function satisfactorily without a definite policy. Distinctive existence might conceivably be a real advantage for a foreign-trade service in government. But, disregardful functioning of foreign traders already does enough harm to domestic business. The best distinction that the proposed service could have would be ability to fit foreign trade into a complemental relation to domestic trade.

—O-P-D—

The Bugs Are Coming

Evidence already abundantly perceptible indicates that this is going to be a big year for the bugs which plague agriculture, horticulture, and frontyard flower-growing. Reports from more intensive observations indicate that the fungous pests will also be about in legions,

Some of the evidence connotes negligence with respect to preventive measures and persists to show that remedial steps are not being adequately taken. Whether against enemies of his own kind or of biologically lower categories, man has learned but little with respect to the prevention of warfare—and in both directions he leaves entirely too much to be determined by government.

Governmental work against grasshopper eggs and the mormon cricket in its immobile stages is reported to have covered substantial areas this year, in spite of the need for governmental attention to bigger warfare. The advertising of insecticides and fungicides apparently has not been curtailed. But, there is no denying that the application of these agents is inadequate, although almost all persons who need them have more money than usual to spend. Is the fault one of distribution, or of efficacy? That is for producers to ascertain.

New agents—oil-pyrethrum mixtures, dinitrophenol oils, and others—apparently will provide efficacy. The tons and tons of all sorts of pesticides that are sold indicate a goodly measure of marketing ability. It is not evident, however, that there is adequate promotion at the point of sale.

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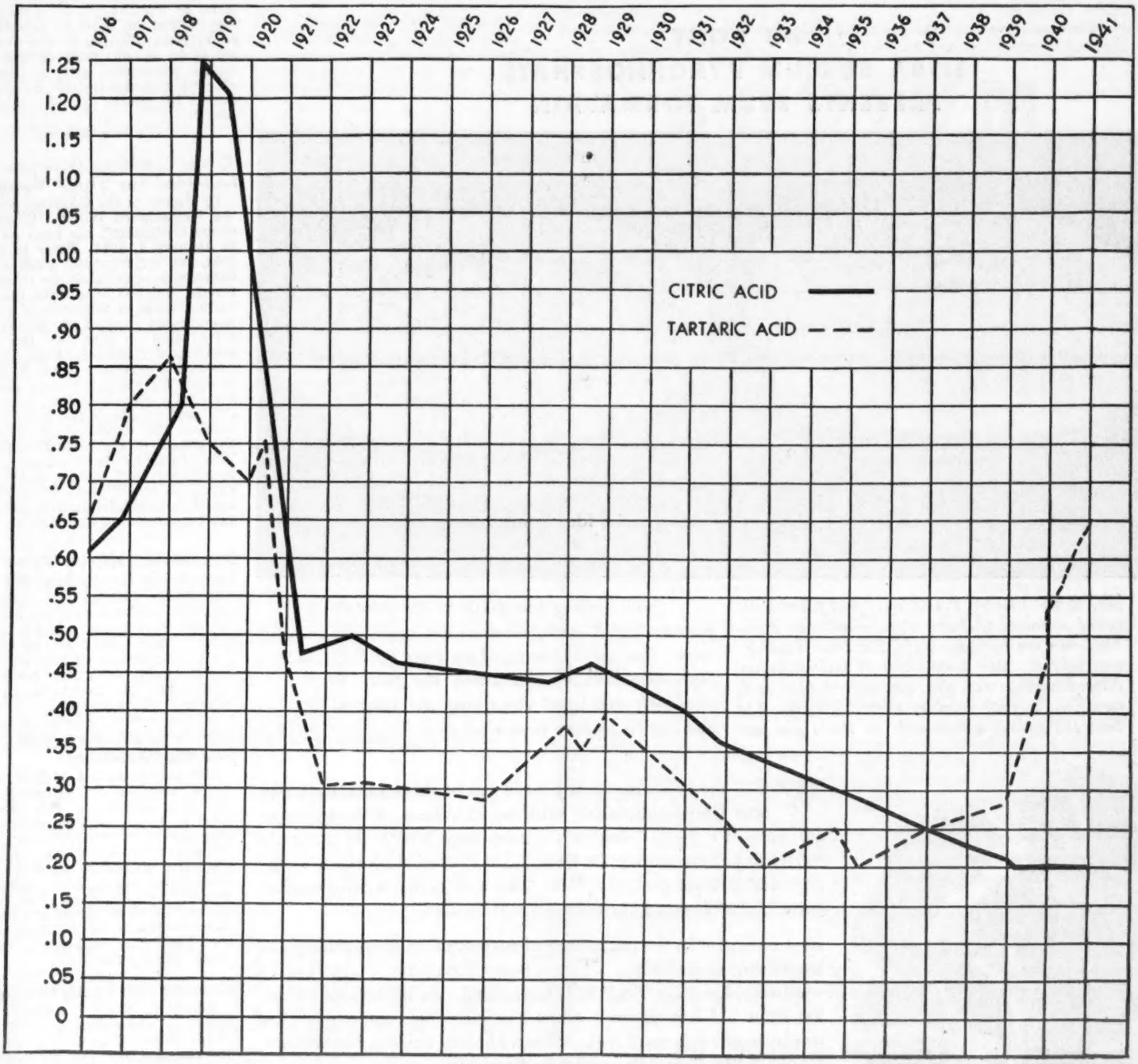

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1849 — NINETY-ONE YEARS OF EXPERIENCE — 1940

Chemical Engineers To Meet May 19-21

—*Continued from page 5*

"Petroleum and the War," R. E. Wilson, Pan-American Petroleum Transport Company, New York.

"Chemicals in the National Defense," W. S. Landis, American Cyanamid Company, New York.

"Plastics in the National Defense," R. J. Moore, Bakelite Corporation, Bloomfield, N. J.

"Selective Service and Technical Manpower," Major Joseph F. Battley, Selective Service, Washington, D. C.

"Maximum Liquid Temperature in a Long-Tube Vertical Evaporator," O. C. Cessna and W. L. Badger, Swenson Evaporator Company, Harvey, Ill.

"Heat Transfer to a Fluid in Laminar Flow Through An Annular Space," M. Jakob, Illinois Institute of Technology and Armour Research Foundation and K. A. Rees, Armour Research Foundation, Chicago.

"Heat Transmission to Boiling Binary Liquid Mixtures," by C. F. Bonilla, Johns Hopkins University, Baltimore, Md., and C. W. Perry, Merck & Co., Rahway, N. J.

"Heat Transfer Film Coefficients for Liquids in Karbate Exchangers," R. E. Zinn, H. G. Thoeming and C. G. Duncan-Clark, Victor Chemical Works, Chicago Heights, Ill.

"Absorption of Hydrogen Chloride," F. L. Hunter, Fansteel Metallurgical Corporation, North Chicago, Ill.

Wednesday, May 21

"Physico-Chemical Aspects of the Treatment of Cellulosic Materials,' R. M. Levy and H. McCormack, Illinois Institute of Technology, Chicago, Ill.

"Solvent Extraction of Soybean Oil," by R. F. Ruthruff and D. F. Wilcock, of the Sherwin-Williams Company, Chicago.

"Resin-Treated, Laminated, Compressed Wood," A. J. Stamm and R. M. Seborg, Forest Products Laboratory, Madison, Wis.

"Plastics from Agricultural Wastes," by O. R. Sweeney, W. D. Harris, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa.

Intercontinental Rubber Company has elected C. L. Baker president, filling a vacancy.

Landis President Of Chemists' Club

—*Continued from page 5*

opment Company; non-resident vice-president, Robert L. Murray, of the Hooker Electro-chemical Company; treasurer (re-elected), Ira Vandewater, of the R. W. Greef & Co.; secretary (re-elected), Robert T. Baldwin; trustees for three years:—Charles R. Downs, of Weiss & Downs, and Albert B. Newman, of the College of the City of New York.

Dr. Landis was born in Pottstown, Pa., in 1881. He graduated from Lehigh University in 1902 with an Met. E. and received his M.S. in 1906, and his Sc.D. from the same institution in 1922. He has been affiliated with the American Cyanamid Company since 1910. He is a member of the American Chemical Society, American Institute of Chemical Engineers, American Institute of Mining and Metallurgical Engineers and the Electrochemical Society. He was Perkin medalist in 1939.

Effective Association Functioning Essential

—*Continued from page 3*

of the judgment of the court, the court may, if its aid in enforcing it is asked by a later action, refuse to be constrained by the consent decree contrary to what it finds to be the proper course to take in the proceeding.

Since a consent decree is not the judgment of the court upon the merits of the controversy, but is the act of the parties to the suit, it is obvious that it cannot be modified, set aside, or annulled by any order made by the court without the consent of all the parties. And it cannot be appealed from, nor modified by any other court, unless perhaps, it should be so entirely foreign to the matters in controversy that for this or some other reason, the court in the first instance had no jurisdiction or authority to enter any such decree by consent or otherwise.

It makes no difference if a consent decree is procured by fraud, or that through a mistake of the parties the decree is entered in different form from what they intended it to be. In such case the party injured by such fraud or mistake can have such consent decree set aside or modified by an original bill, but it can never be set aside by an order of the court in the proceeding after it has been entered, nor can it later be modified except by mutual consent of all the parties.

(To be continued)

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TETRA SODIUM PYROPHOSPHATE
PREVENTS SCUM FORMATION

BOTH OF THESE PANS were first filled with equal amounts of hard water and soap suds. BUT—in the left pan, 0.1% Du Pont T.S.P.P. was added. One teaspoonful of melted butter colored with a red dye was stirred into each pan . . . each mixture stirred briskly. See how the grease killed suds in the right pan . . . how it clung tenaciously to the sides in a sticky "ring" and floated on the surface as scum. Now see the benefits of Du Pont T.S.P.P. (left)—the suds are still active, the grease is thoroughly emulsified throughout the solution, and there is no scum formation!

WHEN the solutions were poured out of these pans, each pan was rinsed thoroughly with warm water. The right pan still carried a sticky "ring" . . . soap scum which did not rinse off. The pan containing Du Pont T.S.P.P. carried no scum "ring" . . . and it rinsed perfectly clean. That's why objects being washed —wash cleaner when Du Pont T.S.P.P. is used.

As a detergent in the prevention of soap scum in dishwashing and laundering operations . . . as a water softener . . . and as an emulsifier, Du Pont T.S.P.P. is unexcelled. So be sure to include Du Pont T.S.P.P. in your soaps and cleaning compounds. Let us also quote you on T.S.P., Sodium Silicate, Sodium Metasilicate, Caustic Soda, Soda Ash and other chemicals.

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
GRASSELLI CHEMICALS DEPT. • WILMINGTON, DELAWARE

DU PONT **TETRA SODIUM PYROPHOSPHATE**

'Crisis Cinchona Ordinance' Extended for Three Years

By decree of the Governor General, the Netherlands Indies' "Crisis Cinchona Ordinance" has been extended to January 1, 1944. Prior to May 1, 1935, the experimental work on cinchona was undertaken by private interests, but the conditions then prevailing were so unfavorable that the government decided to intervene by introducing on that date the above-mentioned ordinance. Under this ordinance a certain amount of levy is charged for the issuance of export licenses for cinchona, and the receipts are used to defray the costs of continuing the experimental work for the benefit of the respective growers. The anticipated improvement did not materialize and the ordinance was extended, according to American consulate general advices from Batavia to the Department of Commerce.

N.A.I.D.M. Official Test Insecticide Ready May 20

The 1941 Official Test Insecticide, which is official for testing fly sprays by the Peet-Grady method, June 1, 1941, to June 1, 1942, will be available for distribution about May 20, according to present indications, the National Association of Insecticide and Disinfectant Manufacturers.

Dreyer & Co. Price List For May Available

The May price list of P. R. Dreyer & Co., essential oils, aromatic chemicals and compounds, this city, contains a special section presenting a long list of products evolved in the company's research laboratories to meet the emergency arising from the shortage of natural oils. About sixty products produced to simulate the odor or flavor of natural products and not necessarily to duplicate any of their analytical standards are presented for the first time.

Kramer with Evans Chemetics

Robert A. Kramer, manager of the chemical department of the Th. Goldschmidt Corporation, this city, has resigned from that company to become sales manager for Evans Chemetics, Inc., this city. Mr. Kramer had been associated with the Goldschmidt organization since 1926 and since 1929 had been secretary of the company as well as manager of the chemical department.

Pioneer Flintkote Company has obtained a permit for construction of a laboratory, office and warehouse building at Fifty-fifth and Alameda streets, Los Angeles, Calif., to cost $40,000.

Heavy Chemicals

Further Tightening Noted in Several Basic Chemicals—Ammonia, Chlorine and Glacial Acetic Remain Short—Resale and Export Offerings Continue to Dwindle

A further tightening in basic materials was evident in the market for heavy chemicals last week. Volume remained at an accelerated pace, and despite capacity production, shipments ran behind in a number of chemicals. Ammonia, fluorides, barium salts, chlorine and chlorinated products, cobalt oxide, copper sulphate, nickel salts, potash salts, soda acetate, soda chlorate, soda sulphide, anhydrous soda sulphate, glacial acetic, chromic and oxalic acids were prominently mentioned as tight or in short supply. Offerings dwindled in the outside market, while export business was limited. Price tone held firm.

The priorities division of the Office of Production Management issued a new list of critical materials subject to automatic priorities. While no additional heavy chemicals were added to the list published in March, such strategic materials as antimony, cobalt, copper, manganese and molybdenum were listed.

Alums.—Steady demand. Prices firm and unchanged.

Alumina Sulphate.—Market firm, Good movement against contracts.

Ammonia, Anhydrous.—Seasonal inquiries and defense needs place market in sold up position. Prices firm.

Ammonia, Aqua.—Brisk demand, with market tightening. Prices firm.

Ammonia Bicarbonate.—Transactions routine. Quotations unchanged.

Ammonia Bifluoride.—Selling restricted, and prices rule firm.

Ammonia Nitrate.—Substantial inquiry. Market strong.

Ammonia Silicofluoride.—Supplies limited, and shipments lag. Market nominal.

Ammonia Sulphocyanide.—Additional domestic production underway. Good inquiry.

Ammoniac, Sal.—Shipments steady. Prices without change.

Antimony.—Buying routine. Domestic spot price unchanged. Metal added to new priority critical list.

Arsenic.—Withdrawals of white moderately active, and market firm.

Barium Salts.—Hydrate ¼c. higher, ranging from 5¾c. to 7c. per pound. Other prices remain unchanged and firm. Steady demand for carbonate, chloride and nitrate.

Calcium Acetate.—Offerings limited, and prices firm.

Calcium Chloride.—Shipments moved at a good pace. Steady to firm price tone.

Carbon Tetrachloride.—Market displays further tightening as shipments fall behind. Prices firm.

Chlorine.—Active demand. Market short and deliveries delayed. Prices firm.

Cobalt Oxide.—Business allocated. New domestic output awaited. Prices firm. Metal placed on priority critical list.

Copper.—Prices unchanged. Imposition of priorities system awaited. Fabricated copper placed on critical priority list.

Copper Salts.—Most sellers sold ahead against contracts, and unable to accept new business. Prices firm.

Copper Sulphate.—Market short, sellers taking care of regular consumers. Prices rule firm.

Price Changes

Advanced

Barium hydrate, ¼c. per lb.
Tin, Straits, ½c. per lb.
tetrachloride, anhy., ¼c. per lb.

Reduced

Strontium chloride, tech., 2c. per lb.

Comparative Values

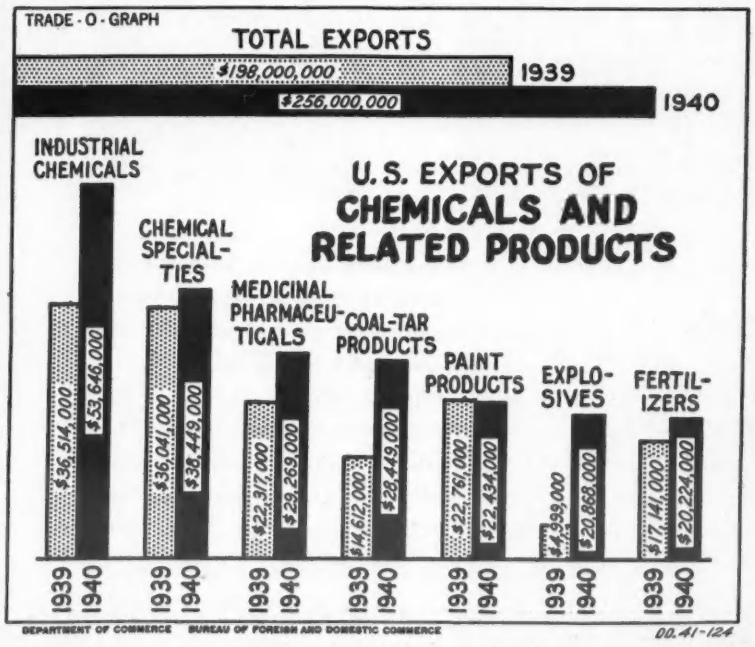
Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
158.2	158.2	158.2	150.8

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	101.6	101.6	101.6

Market news that may have developed after this report was sent to press will be found on page 4.



Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Purchasing Agents Ass'n, May 26-29, Chicago.
Manufacturing Chemists Ass'n, June 5-6, Skytop, Pa.
Insecticide, Disinfectant Mfrs., June 9-10, Chicago.

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CARBOYS—TANK TRUCKS
SULPHURIC ACID
CARBOYS—DRUMS—TANK TRUCKS
AQUA AMMONIA
CARBOYS — DRUMS TANK TRUCKS
ACETIC ACID
TANK CARS—TANK TRUCKS —BARRELS
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•
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New York Office:
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Fluorspar.—Prices stabilized, and buying held at steady levels.

Glauber's Salt.—Good volume passed against contracts. Market firm.

Lead Acetate.—Dealings moderate, with prices well sustained.

Lime.—Agricultural and commercial buying good. Steady to firm price tone.

Magnesite.—Active inquiry, domestic production stepped up. Prices firm.

Manganese Dioxide.—Business restricted to regular contract consumers as a rule. Prices unchanged. Manganese placed on critical priority list.

Molybdenum Metal Powder.—Demand active. Prices firm. Molybdenum added to list of critical materials subject to priority.

Nickel Salts.—Shortage continues, with supplies depleted. Prices nominal.

Phosphorus.—Offerings of red limited to regular consumers: Yellow moved fairly steady. Prices retained their firmness.

Potash Carbonate.—Market strong, and buying steady. Prices firm.

Potash, Caustic.—Good movement against contracts. Market firm.

Potash Chlorate.—Active demand, with selling on restricted basis. Prices firm.

Potash Cyanide.—Dealings routine. Prices lack any change.

Potash Permanganate.—Buying brisk, selling confined to regular contracts. Scattered offerings in outside market at premium levels.

Salt.—Business steady. Prices remain firm.

Saltcake.—Domestic output well absorbed. Market nominal.

Saltpeter.—The call was irregular, while prices held firm.

Soda Acetate.—Market tight, shipments steady. Prices unchanged and firm.

Soda Ash.—Buying continues broad, and prices underwent no change.

Soda Bicarbonate.—A satisfactory amount of replacement business kept market firm.

Soda Bifluoride.—Market firm. Demand steady.

Soda Bisulphite.—Shipments good, while prices held the same.

Soda, Caustic.—Volume held at favorable levels. No change occurred in the prices.

Soda Chlorate.—Market position strong, with business held to regular channels.

Soda Cyanide.—Demand active, reflecting rising defense needs. Prices unchanged and firm.

Soda Hydrosulphite.—Steady interest. Pricewise a firm tone predominated.

Soda Phosphate.—Quotations firm. Shipments moderately active.

Soda Silicate.—Withdrawals continued along broad lines. Prices held firm.

Soda Silicofluoride.—Spot offerings negligible, bookings made far ahead. Prices nominal.

Soda Stannate.—Prices unchanged and tone steady to firm. Shipments steady.

Soda Sulphide.—Market strong, selling limited to regular accounts. Prices firm.

Strontium Chloride.—Technical offered at 20c. to 22c. per pound. Interest moderate.

Sulphur, Refined.—Seasonal and commercial movement good. Prices firm.

Tin Salts.—Anhydrous tetrachloride of tin advanced ¼c., ranging from 27¼c. to 27¾c. per pound. Other tin salt derivatives unchanged. Straits metal quoted at 52¼c. per pound.

Zinc Chloride.—Business usually confined to contracts, with market firm.

Zinc Sulphate.—Steady demand. Prices continued firm.

Acids

A broad buying movement continued in the market for mineral acids last week. A further tightening occurred in the position of some important materials. Glacial acetic was in short supply. Chromic moved steadily to the plating trade. Muriatic and nitric volume was heavy. Oxalic offerings remained limited. A further firming was evident in sulphuric, with defense requirements stepping up inquiries. Prices held at previous levels.

—Continued on page 34

Calcium Carbide Plant To Be Built in Louisville

Air Reduction Company, this city, will construct a calcium carbide plant in Louisville, to cost $2,500,000, to supplay the 'neoprene' unit of E. I. du-Pont de Nemours & Co.

Robert & Co. Moves To Larger Quarters

Robert & Company, chemical merchant, has moved its offices from 44 Pine street, to larger quarters on the fifth floor in 25 Broad street, telephone Whitehall 4-9067 remains unchanged. The firm, headed by Frederic P. Robert, deals in fine and heavy chemicals. The company does an export business with many countries.

Arnold, Hoffman Buys Providence Drysalters Div.

Arnold, Hoffman & Co., Providence, R. I., has purchased from the Hercules Powder Company, Wilmington, its Providence Drysalters Division, East Greenwich, R. I. Arnold, Hoffman & Co. plans to consolidate it with manufacturing facilities at Dighton, Mass. The acquisition, the company reports, will enable the offering of a variety of additional products, such as 'Concental,' 'Mellol,' new soluble pine oils and various rayon oils. Walter R. Bunce, formerly with the Hercules company, has joined the Arnold, Hoffman & Co.

Steel Barrel Output Up

Production of heavy type steel barrels and drums totaled 1,454,298 in March, compared with 1,034,681 in February and 851,912 in March, 1940. The March output of light type barrels and drums was 265,105, against 238,330 in February and 218,862 in the corresponding month of 1940. Shipments of heavy types in March totaled 1,076,523 against 1,045,853 in February and 853,564 in March a year ago. Shipments of light types totaled 263,105 in March, against 238,330 in February and 218,862 in March a year ago.

Toilet Goods Ass'n Cancels Annual Products Exhibit

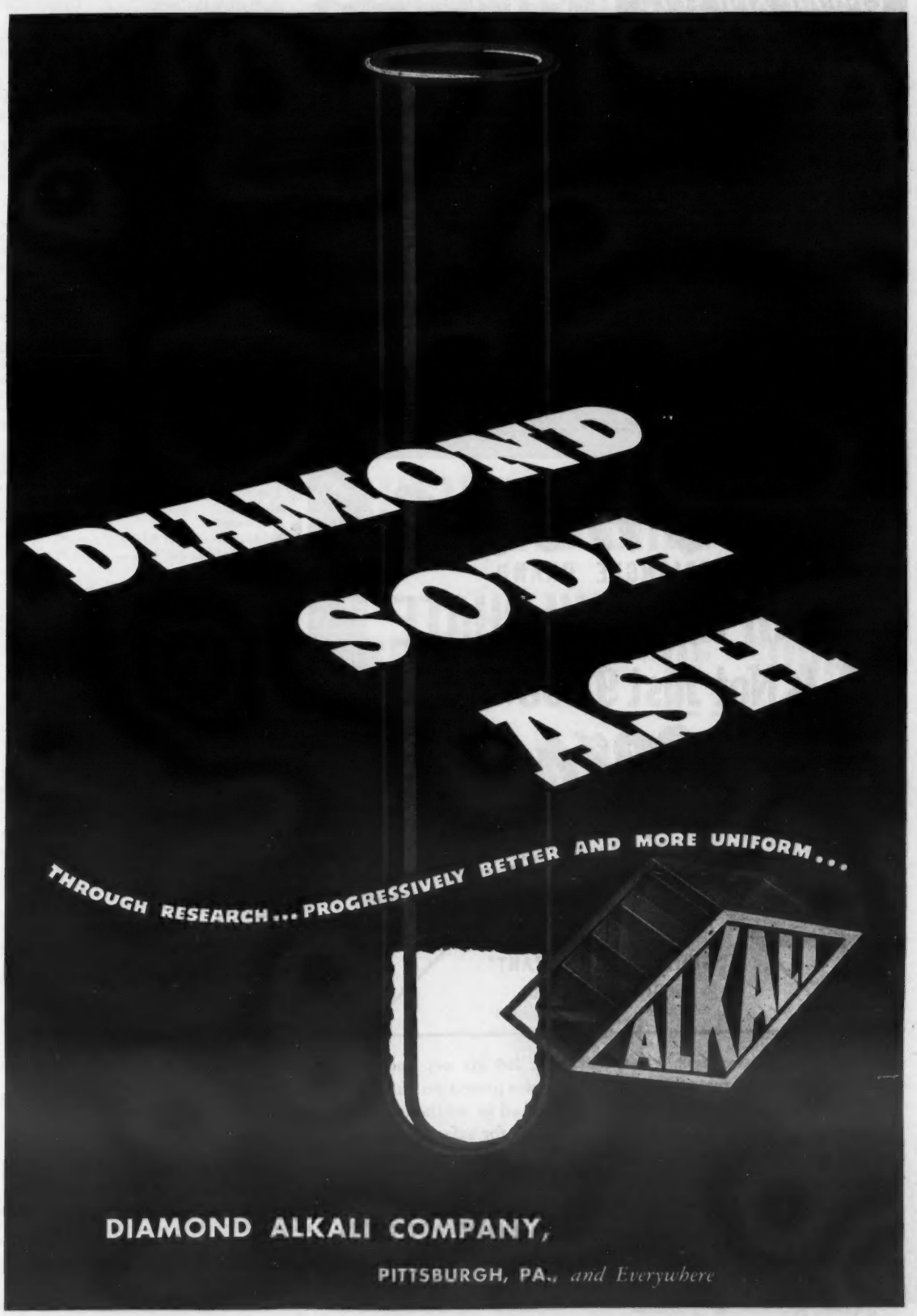
The Toilet Goods Association has cancelled the exhibit of products at the annual convention which will be held June 9-11 at the Waldorf-Astoria hotel. An entertainment and supper will open the convention. Business meetings will be held in the morning of the second day, with golf for the men and bridge for the women in the afternoon. Business meetings will be held all during the final day, and will be followed by a cocktail party and banquet in the evening. The program for the business meetings will be announced at a later date.

Du Pont to Build 'Neoprene' Factory in Louisville

Wilmington, May 7, 1941

A new neoprene synthetic rubber factory at Louisville, Ky., to be built, financed and operated by E. I. du Pont de Nemours & Co., was announced today by W. S. Carpenter, jr., president of the company. Construction will begin immediately.

The capacity of the new plant, 10,000 long tons a year, exceeds the present total combined production of all synthetic rubbers, including Neoprene which is being made in the du Pont plant at Deepwater, N. J., at the rate of 6,000 long tons a year. With additional facilities now being built, production at the company's New Jersey plant will increase to 9,000 tons before the end of this year.



Heavy Chemicals

Acids

—*Continued from page 33*

Acetic.—Market tight, supplies of glacial limited. Prices firm.

Battery.—Shipments moderate, and prices lacked change.

Chromic.—Steady movement, with market tone strong.

Formic.—Interest good. Quotations show stability.

Gallic.—Dealings narrow. Prices without change.

Hydrofluoric.—Market firm. Business moderately active.

Lactic.—Satisfactory volume against contracts. Prices held firm.

Mixed.—Brisk inquiry. Pricewise a firm tone prevailed.

Muriatic. — Commitments steady. Quotations unchanged and firm.

Nitric.—Market firm, and volume well sustained.

Oxalic.—Selling limited, scattered offerings in outside market at premium levels.

Phosphoric. — Shipments steady. Prices display firmness.

Sulphuric. — Withdrawals remain broad from basic consuming channels. Prices rule firm.

Baltimore, May 7.—With requirements in the way of sulphuric acid expanding there would seem to be every indication that an advance in the market is a matter of the near future. So far the producers have been supplying acid at the contract figures of last year, these being nominally $12 per ton for 60-degree and $15 per ton for 66-degree acid. But factories emphasize the claim that stocks are being reduced and that the rising cost of production makes it impossible for them to continue taking care of current needs at the old level. Along with acid, it is contended, oleum will also advance, this material being used not only in agriculture but in the manufacture of smokeless powder and TNT.

Insecticides

Business followed a normal seasonal trend in the market for agricultural insecticides and fungicides. Consumer interest was considered favorable, and was running ahead of the same period a year ago, when weather conditions were a retarding factor. Not much new business developed in the export market at this time. Prices underwent no change, and the tone continued steady to firm.

Calcium Arsenate. — Moderate inquiry. Quotations without alteration.

Lead Arsenate.—Market firm. Shipments followed normal seasonal trend.

Nicotine Sulphate. — Buying fair. Prices failed to change.

Paradichlorobenzene. — Movement was steady. No change disclosed in the prices.

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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Plasticizers Used in Making Photographic Films from Cellulose Esters or Ethers

(*Continued from May 5 issue*)

Methylcyclohexylcarboxylic acid
Methyl-3:4-diamidobenzoic acid
Methyldiphenylurea
Methyleneglycerol
Methylenethylenic glycerol
Methylethenyltrichloramidin
Methylglycol acetate
Methylglycol phthalate
Methylhydroxynaphthyl ketone
Methylisopropylcyclohexane
Methylisopropylcyclohexanone
Methylketobutanol
Methylmethoxyethoxyphthalyl glycolate
Methylnaphthyl ether
Methylnaphhtyl ketone
Methylnaphthylamine
Methyloxynaphthyl ketone
Methylpentachloroanilide
Methylphthalyl ethylglycolate
Methylphenylurea
Methylphenylurethane
Methyltetrachloroanilide
Methyltrichloroanilide
Methylurea nitrate
Methylxylenesulphonamide, normal
Mollit
Monoacetin
Monoacetochlorhydrin
Monoacetoxymethyl phthalate
Monochlorobenzylidene diacetate
Monochloronaphthalene
Monoethylacetyltrichloroanilide
Monomethylenesulphonamide
Mononitromonochlorhydrin
Naphthalene
Naphthalene benzylnitrochloride
Naphthalene bromide
Naphthalene chloride
Naphthalene nitrobromide
Naphthalene nitrochloride
Naphthalene trichloride
Naphthalene-ethylsulphonamide
Naphthol
Naphthyl acetate
Naphthyl benzoate
Naphthyl carbonate
Naphthyl diamylphosphate
Naphthyl ether
Naphthyl phosphate
Naphthyl propionate
Naphthyl thiophosphate
Naphthylanilide
Naphthylanilide phosphate
Naphthyldihydrocarvone
Naphthylphenyl ether
Naphthyl-phosphoric-dianilide
New-camphrosal
3-Nitro-4-acetamidobenzoic acid
Nitroacetylcellulose
Nitrobenzoyl nitrate
Nitrobutylcellulose
Nitrocymene
Nitroglycerin
Nitroisobutylglycerol trinitrate
Nitronaphthalene
Nitronaphthyl acetate
Nitrophenyl compounds
Nitrotoluene
Octodecyl alcohol
Octodecyl oleate
Octyl alcohol, normal
Octylbutyl ether
Octylphenyl ether
Orthophthalic acid diethylester
Orthophthalic acid dimethylester
Orthophthalic acid methylglycolester
Orthotoluenemethylpyrazolon
Orthotoluenesulphonamides
Orthomethylcyclohexanol adipate
Oxanilide
Oxyalkyl compounds
Oxyalphyl compounds
2:3-Oxynaphthoic acid anilide
4-Oxy-1-tertiary-butylbenzene
Palatinol A, M, C, and JC
Parachlorobenzenesulphonamide
Parachlorobenzenesulphonanilide
Paraldehyde
Paraplex
Paratoluene cresylsulphonate
Paratoluenealphanaphthol
Paratoluenesulphoacetanilide
Paratoluenesulphocresol
Paratoluenesulphodiethylamide
Paratoluenesulphodiphenylamine
Paratoluenesulphoethylamide
Paratoluenesulphoethylanilide
Paratoluenesulphonamide
Paratoluenesulphonamide ethylether
Paratoluenesulphonamidoacetic acid
Paratoluenesulphonanilide
Paratoluenesulphonic acid cresylester
Paratoluenesulphonic acid ethylester
Paratoluenesulphonic acid methylester
Paratoluenesulphonic acid phenylester
Pentacetyllevulose hexacetate
Pentacetyllevulose monoacetate
Pentacetyllevulose octacetate
Pentacetyllevulose tetracetate
Pentaerythritol acetate
Pentaerythritol benzoate
Pentaerythritol formate
Pentaerythritol maleate
Pentaerythritol nitrate
Pentaerythritol oxalate
Pentaerythritol phthalate
Pentaerythritol succinate
Pentaerythritol tetraacetate
Phenanthrene
Phenetol
Phenol compounds
Phenyl acetylsalicylate
Phenyl benzoate
Phenyl carbonate
Phenyl citrate
Phenyl diethylphosphate
Phenyl formate
Phenyl glycide
Phenyl maleate
Phenyl paratoluenesulphonate
Phenyl phosphate
Phenyl phthalate
Phenyl propionate
Phenyl salicylate
Phenyl tartrate
Phenyl thiophosphate
Phenylacetamide
Phenylaceto-2-naphthalide
Phenylalkyl esters of phosphoric acid
Phenylanilide
Phenylanilide phosphate
Phenylbenzyl ether
Phenylcarbamide
Phenylethyl alcohol
Phenylmethyl carbamide
Phenylparatoluenesulphoethylanilide
Phenyl-phosphoric esters
Phenyl-phosphoric dianilide
Phenyl-phosphoric diethylester
Phenyl-phosphoric diethylanilide
Phenyl-phosphoric dimethylanilide
Phenyl-phosphoric dinaphthylester
Phenyl-phosphoric dinaphthylanilide
Phenyl-phosphoric diphenylester
Phenyl-phosphoric diphenylanilide
Phenylurea
Phenylurethane
Phosphoric acid esters of cresols and phenols
Phthalic acid esters of aliphatic alcohols
Phthalic acid ester of 2-butyloctanol
Plasticizer PA, PM, and REA
Plastoflex
Plastoform
Plastol
Plastomoil
Polyalkylamides of organic acids
Polycarboxylic acid esters of di-2-ethyl butylphthalate
Polycarboxylic acid esters of di-2-ethyl butylsuccinate
Polycarboxylic acid esters of 2-ethyl acetate
Polycarboxylic acid esters of 2-ethylbutanol-1
Polychloroamidins
Prolamin
Propionic acid phenolic esters
Propyl ecetylsalicylate
Propyl alphacrotonate
Propyl carbamate
Propyl carbanilate
Propyl carbonate
Propyl mandelate
Propyl oleate
Propyl oxalate
Propyl oxamate
Propyl palmitate
Propyl stearate
Propyleneglycol monoformate
Proteids
Pulegone
Pyrocatechuic aldehyde
Pyrocatechol diethylether
Pyrogallic acid
Quinone
Rapeseed oil
Resorcinol
Resorcinol diacetate
Rezyl balsam 33
Ricinoleic acid amides
Ricol
Saccharose heptacetate
Saccharose monoacetate
Saccharose octacetate

(*To be continued*)

Dyestuffs, Textile and Leather Chemicals

Prices Appear Stabilized at Levels Established Recently—Spot Position of Several Imported Materials Tightening—Shipments From South America Becoming More Difficult

A more stabilized price situation prevailed in the market for dyestuffs, textile and leather chemicals last week. Materials that have advanced rather sharply in recent weeks appeared to have reached levels which absorb most of the additional costs. The spot position of many materials, principally those emanating from the Far East, was tight. Shipments from South America were becoming more difficult, with the gradual withdrawal of bottoms reducing cargo space considerably. Price for gambier Singapore cubes was higher and nominal.

Tapioca and sago flour were tight. Sellers were hesitant in booking any forward business in view of the replacement problems in the Far East. Spot market for turmeric was in a strong position, with new stocks slow in arriving here. Offerings of divi divi were subject to delay, reflecting the lack of cargo space and rainy weather in producing areas. Arrivals of quebracho also were irregular, one seller reporting among other things the difficulty in obtaining burlap bags. Spot offerings of gambier were small.

Chemicals

Alumina Acetate.—Steady call for moderate quantities. Prices firm.

Alumina Chloride. — Prices unchanged. Inquiries and shipments good.

Ammonia Acetate.—Market routine. Quotations remain the same.

Ammonia Bichromate.—Small lots made up the call. Steady to firm price tone.

Chrome Acetate.—Usual consumers supplied a steady replacement business. Prices held unchanged.

Potash Bichromate. — Shipments moved steadily against contracts. Market tone continued firm.

Potash Prussiate. — Movement of yellow was moderate. Little red available. Prices rule firm.

Soda Bichromate. — Business remained steady. Moderate export inquiry. Prices unchanged and firm.

Soda Prussiate.—Consumers entered market for nearby needs as a rule. Prices underwent no change.

Sulphonated Oils.—A firm undertone characterized the trading. Inquiries reached the market in good volume.

Zinc Dust.—Sellers continued to supply regular contract consumers normal needs. Prices rule firm.

Dyestuffs

Annatto.—A fair interest was evident, while prices experienced no change.

Cochineal.—Market strictly a routine affair. Prices held unchanged.

Fustic.—Demand moderately active. Prices remain firm.

Hypernic.—Replacements were made on a moderate scale. Nothing new occurred in the prices.

Logwood. — Prices underwent no alteration, while tone held firm. Buying fairly steady from regular channels.

Turmeric.—Spot position of market tight, and prices were nominal.

Sizing Materials

Albumen, Blood.—Buying steady. Prices held at previous levels.

Albumen, Egg. — Domestic prices firm and unchanged. Inquiries remain satisfactory.

Corn, Sugar.—Bookings moderately active. Prices steady to firm.

Dextrin, Corn. — Shipments steady. A firm price tone prevailed.

Dextrin, Potato. — Prices well sustained. A fairly steady movement was underway.

Egg Yolk.—Prices for domestic and imported held the same, with undertone firm. Fairly good interest.

Sago Flour. — Spot position tight; future shipments remain uncertain. Prices firm.

Starch, Corn.—A good demand prevailed and market retained its firmness.

Starch, Potato.—A firm tone governed the trading. Withdrawals fairly steady.

Starch, Rice.—The call was moderately active. Prices failed to change.

Starch, Wheat. — Steady to firm tone. Consumers made satisfactory replacements.

Tapioca Flour. — Market position strong, with offerings subject to shipping facilities at primary markets.

Tanning Materials

Chestnut Bark.—A steady movement continued against contracts. Prices firm.

Divi-Divi.—New arrivals from South America subject to delay. Spot position firm.

Gambier.—Spot offerings small, Singapore cubes nominal at 10c. per pound. Future shipments uncertain.

Hematine.—Purchases moderate. Prices held unchanged.

Hemlock.—Withdrawals steady. No change disclosed in the prices.

Mangrove Bark.—Inquiries reached market fairly steady. Price held the same.

Myrobalans.—Market strictly nominal in absence of any new shipments.

Nutgalls.—Demand about normal. Firm price tone for Chinese and Alleppo.

Oakbark.—Buying well sustained. Prices retained their firmness.

Osage Orange.—Usual consumers provided a fair interest. Prices held the same.

Quebracho.—A good demand prevailed, while some difficulty was encountered in arranging for cargo space at primary centers. Prices firm.

Quercitron.—Transactions routine. Quotations failed to change.

Price Changes

Advanced

Gambier, Singapore cubes, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
176.8	176.8	168.2	143.4

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Association meetings:—

American Ass'n Textile Chemists and Colorists, Oct. 31-Nov. 1, Pinehurst, N. C.

Natural Products Refining Co.
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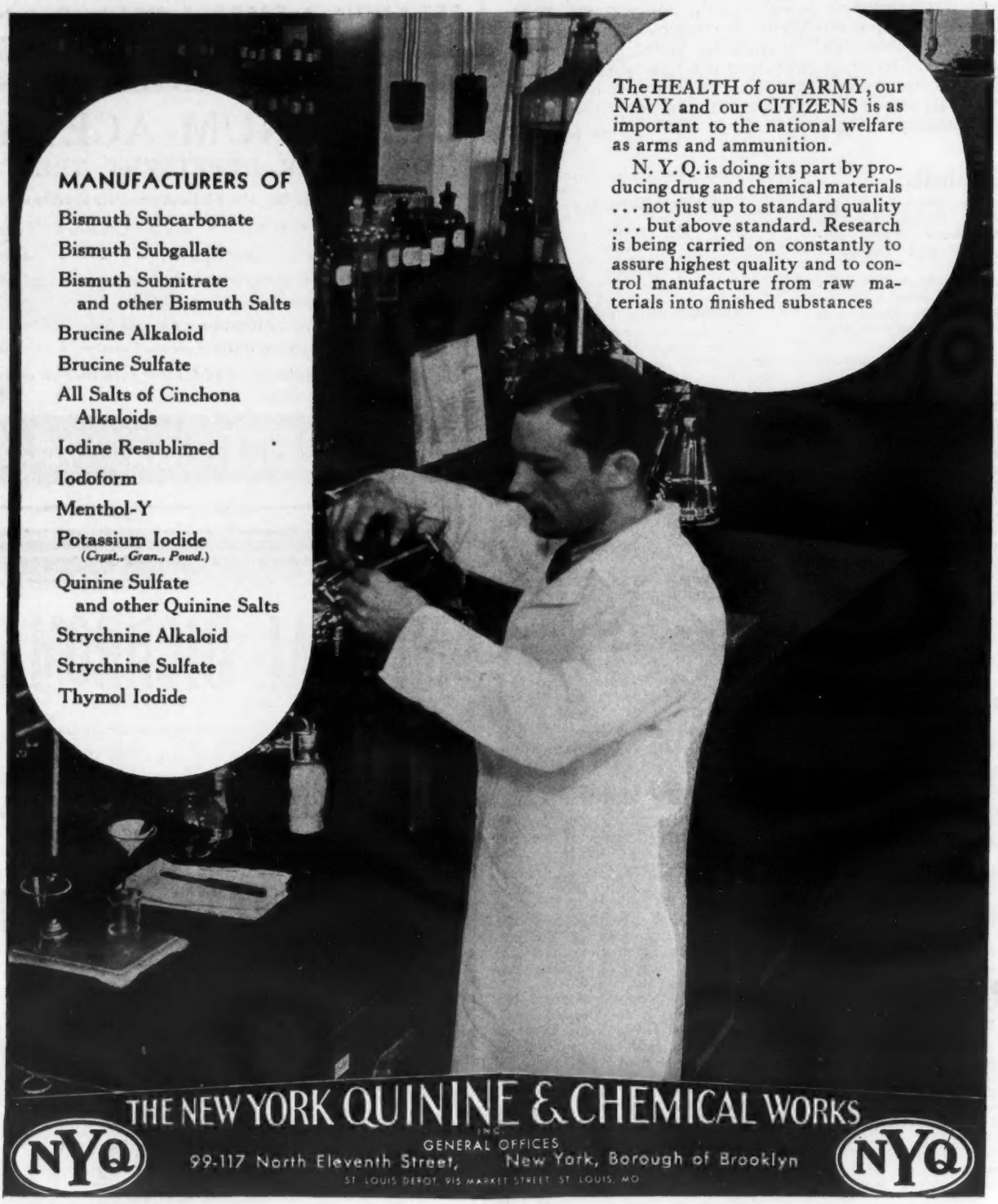
BICHROMATE OF SODA
•
BICHROMATE OF POTASH
•
CHROMIC ACID
MUTUAL CHEMICAL CO. OF AMERICA MUTUAL NEW YORK, N.Y.
MUTUAL CHEMICAL COMPANY OF AMERICA
270 Madison Avenue, New York City

One of the FIRST LINES OF DEFENSE is the MAINTENANCE OF HEALTH



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Bismuth Subnitrate and other Bismuth Salts
Brucine Alkaloid
Brucine Sulfate
All Salts of Cinchona Alkaloids
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Iodoform
Menthol-Y
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Quinine Sulfate and other Quinine Salts
Strychnine Alkaloid
Strychnine Sulfate
Thymol Iodide

The HEALTH of our ARMY, our NAVY and our CITIZENS is as important to the national welfare as arms and ammunition.

N. Y. Q. is doing its part by producing drug and chemical materials . . . not just up to standard quality . . . but above standard. Research is being carried on constantly to assure highest quality and to control manufacture from raw materials into finished substances

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NYQ

Thirtieth Annual Meeting

American Drug Manufacturers Association

White Sulphur Springs, W.Va., May 5 to 8, 1941

White Sulphur Springs, May 8, 1941

A request that the national defense agencies provide priorities for materials and equipment necessary in the manufacture of important drugs was uttered by resolution of the American Drug Manufacturers Association in its thirtieth annual meeting which closed here today.

The association also voted to petition the Selective Service Board to grant deferment to scientific men essential to the production of drugs required for national defense.

Two amendments to its constitution were adopted by the association. One of these sets up a simpler classification of members with seven dues divisions (on the basis of earnings) in the class of pharmaceutical and biological manufacturers and four in the other class comprising manufacturers of chemicals and other materials. The other amendment limits membership in the advisory council to former presidents who retain association with member firms.

Attendance at this year's meeting set a new high record with an official registration of more than 250.

S. DeWitt Clough
Retiring A.D.M.A. President

President's Commentary

Following the reception at the general session of representatives of five other associations of the drug industry and recognition of four members of the trade press and the reading of several messages of greeting, the president of the association, S. DeWitt Clough, of Abbott Laboratories, presented his official commentary on the affairs of the organization and conditions in the drug industry.

Mr. Clough spoke in high appreciation of the value and progress of research in all fields and emphasized what it had recently contributed to the production and application of drugs and to the broader realms of chemistry. He spoke praisingly of the work in research and in general service performed by the committees of the association and by the staff of its general headquarters. Fitting this in as part of the great response of industry in general to the emergent demands of the present, he predicted industry would strive to the utmost to cooperate in every possible way with governmental endeavors in preparedness and would make good to the nth degree if permitted to do so. He expressed the hope that there would be no unnecessary dislocation of industry, but he opined that industry would willingly make such sacrifices as emergencies might demand.

Recommendations

In line with his feeling in respect of preparedness needs, Mr. Clough offered the following recommendations to the incoming A.D.M.A. officers.

Priorities

First, that a priorities committee be organized for the drug industry, this work to be handled either by a subcommittee of the present Drug Resources Advisory Committee, if approved by the government, or by a separate committee working through our Washington office. A Chemical Priorities Board has been appointed and has been operating for some months.

The manufacture of pharmaceutical products, including dressings, bandages, and biologicals is an essential industry, either in peace or war, and is of paramount importance in war times to help protect the health of our armed forces, as well as to conserve the health of the civilian population. Certain priorities problems have already arisen and are now clearing through our Washington office. Many more will come up which may be of even greater importance to the drug industry, as well as to hospitals and all medical facilities.

Personnel

And I recommend that personnel problems of the pharmaceutical industry be studied with a view of conserving, for the production of medical supplies, the key workers in plants devoted to such purposes. The chemical industry has already put itself on record in this regard and I hope that careful and favorable consideration be given by the draft authorities to this problem. To cut down, or cripple, the production of medicinals, or medical research, at this time, would be a serious handicap to present and future progress.

In this connection, it is essential, I believe, that medical, dental, and pharmacy students be permitted to complete their college courses. Already there appears to be some shortage in available physicians, dentists, pharmacists and graduate nurses. This shortage will probably become more acute.

Trademarks

A third recommendation I wish to make is that our association, through its Washington office and the joint contact committee, under the able direction of Dr. Frank Taylor, continue its close cooperation with all branches of the Federal Security Administration, and other governmental agencies, and that we also stand firm in protecting the property rights of our members in trade-names and established trademarks.

Unemployment Merit

Again I recommend that our members strive to retain the "merit" or "experience" rating in the Federal and State unemployment merit compensation laws. Our industry is featured by steady and regular employment and individual firms with such experience and minimum turnover in labor are entitled to the savings of the merit rating system now in effect in many states. This matter is worthy of further study and is of sufficient importance for prompt action.

State Legislation

I wish to congratulate Mr. Leslie Harrop on the excellent work of the Legislative Committee. I recommend that close scrutiny of State legislation affecting our industry be actively continued and followed up.

Drug Resources Board

Mr. Clough devoted some time to an appreciative review of the work of the Drug Resources Committee, which is an advisory associate of the Army and Navy Munitions Board, and he spoke particularly of the leadership of Carson P. Frailey in that body. Passing on to the general economic situation to which the resources board is related, Mr. Clough said:—

Last May we referred to the organization of the Drugs Resources Committee as a step toward "industrial planning." Today that designation would hardly apply. It is now committed to the defense program and may soon take on a more serious character. It is my pleasure to recommend that we continue to give every possible service to all branches of the army and navy, requesting our advice, or as assistance.

I have one more recommendation which may be somewhat broader than our own particular pharmaceutical sphere. It concerns all industries. We have heard it suggested that, with a view of raising additional revenue to help defray the expenses of the defense program, that all wages be taxed and that such taxes be collected at the source.

Carson P. Frailey
Executive Vice-President and Secretary

A prominent industrialist, speaking recently, recommended this action as a check to consumer purchasing power so that the demand for consumer products could be cut down and thus make way for more machines and materials for munitions.

I may be wrong, but this policy appears to me to be somewhat precipitate for several reasons. First, I have gathered the impression in Washington that the morale of the people in war emergencies can better be preserved by protecting, as long as possible, their purchasing power, and to disturb their peacetime buying habits as little as necessary.

Of course, there must, and will be sacrifices on the part of everyone should we get into the war, but satisfied, cheerful and courageous civilians, in the service of supplies behind the lines, may be as important to success as a brave and well equipped army and navy.

And, also, the deduction of a wage tax from pay-checks already bearing social security deductions, group-life-insurance deductions, and other taxes and dues, would only stimulate requests for increases which in turn might stimulate higher prices and finally wind up in a spiral of inflation which we all fear and hope to avoid. Higher individual taxes in all brackets will be necessary, and are coming, but these should be paid, in my opinion, by the individuals themselves and not by the check-off system.

And finally, to deliberately destroy consumer purchasing power now, except, perhaps, for dispensable luxuries, would be to work not only hardship on the public, but injustice upon many industries and millions of retail stores which depend upon consumer purchases. Some such measures may become slowly necessary later, but to destroy buying power over-night might not be wise.

I recommend that we endorse the purchase of the new defense bonds on the part of our employees and make it as easy as possible for them to set aside a portion of their wages for this pur-

A.D.M.A. Officers for 1941-42

President, John G. Searle, of G. D. Searle & Co., Chicago.
First vice-president, Dr. A. W. Lescohier, of Parke, Davis & Co., Detroit.
Second vice-president, Robert Lincoln McNeil, of McNeil Laboratories, Philadelphia.
Third vice-president, George W. Merck, of Merck & Co., Rahway, N. J.
Executive vice-president and secretary (elected by the executive committee), Carson P. Frailey, Albee building, Washington.
Treasurer, Robert Lincoln McNeil, McNeil Laboratories, Philadelphia.
General counsel and chairman of the committee on legislation (elected by the executive committee), Leslie D. Harrop, of the Upjohn Company, Kalamazoo, Mich.
Additional members of the executive committee, Dr. L. N. Upjohn, of the Upjohn Company, Kalamazoo, Mich.; John S. Zinsser, of Sharp & Dohme, Inc., Philadelphia; M. C. Eaton, of the Norwich Pharmacal Company, Norwich, N. Y.; Arthur R. Clapham, of Johnson & Johnson, New Brunswick, N. J.; Ralph R. Patch, of the E. L. Patch Company, Boston; and S. DeWitt Clough, of Abbott Laboratories, North Chicago, Ill.

The New President

John Gideon Searle, elected president of the American Drug Manufacturers Association at its 1941 meeting, is president of G. D. Searle & Co., pharmaceutical manufacturer, Chicago, and successor of his father and grandfather in that position.

John G. Searle
New A.D.M.A. President

Mr. Searle was born March 18, 1901, in Sabula, Iowa, son of Dr. C. Howard and Marion Searle. He was graduated from the New Trier High School in 1917 and spent the next two years as a chief yeoman in the United States Navy. Subsequently he entered the University of Michigan from which he was graduated in 1923 with a B.S. degree in pharmacy. He began his active connection with the family's drug business in that same year.

Mr. Searle has been a vice-president of the American Drug Manufacturers Association during the past three years and a member of its executive committee for eight years. He has also been active in the work of various standing committees. Mr. Searle's interest in organization work has long embraced also the American Pharmaceutical Manufacturers Association, and he was secretary of that group from 1926 to 1931 and its president in the following year. He also served as a member of the executive committee of the St. Louis retail drug survery.

Mr. Searle is married; his wife, the former Miss Frances Crow, is as well-known—and liked—as is her husband at A.D.M.A. and A.P.M.A. meetings.

PURE VITAMINS PRODUCED BY *Chemical* SYNTHESIS

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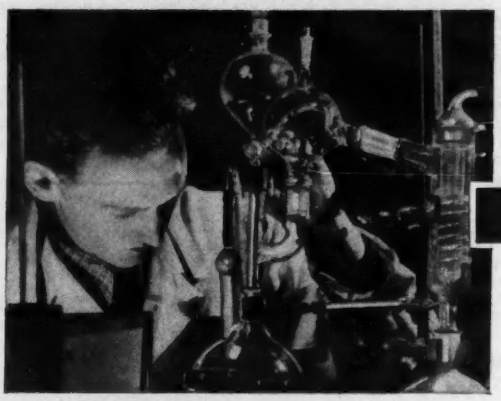
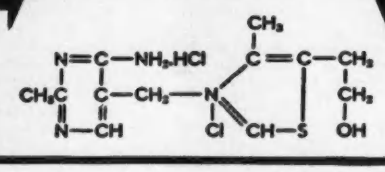
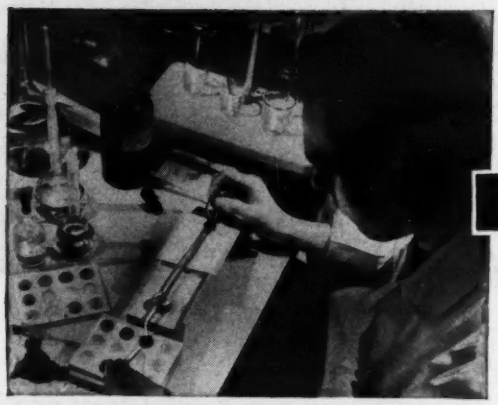
By rigidly controlled laboratory synthesis—at low cost



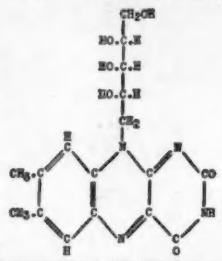
THIAMINE HYDROCHLORIDE (VITAMIN B_1)

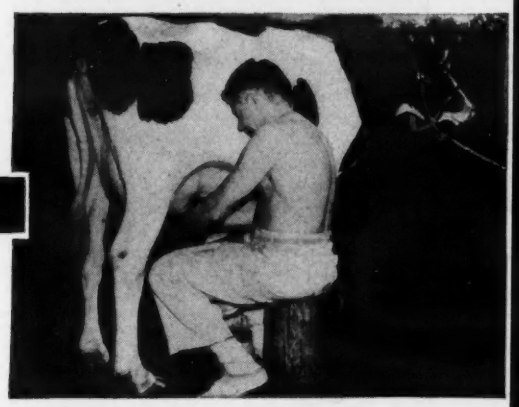


From natural sources—by extraction and purification

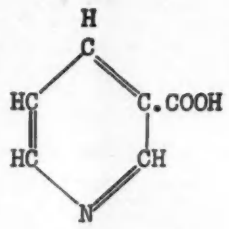


RIBOFLAVIN (VITAMIN B_2)





NICOTINIC ACID



MERCK

PURE VITAMINS

Discoveries and advances in the vitamin field made by Merck Chemists and their collaborators have continually emphasized the outstanding rôle played by Merck & Co. Inc. in the development of this therapeutically important line.

The accompanying historical review dramatically portrays the contributions of Merck & Co. Inc. in making available many of these essential factors in pure form:

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ASCORBIC ACID MERCK U. S. P. (*Vitamin C*)
Made available in 1934.

NICOTINIC ACID MERCK U. S. P.
Made available in commercial quantities during 1938.

RIBOFLAVIN MERCK (*Vitamin B_2*)
The second pure crystalline vitamin to reach commercial production during 1938.

ALPHA-TOCOPHEROL MERCK (*Vitamin E*)
Identified and synthesized by Merck chemists and their collaborators in other laboratories in 1938. Made commercially available during 1940.

VITAMIN B_6 HYDROCHLORIDE MERCK (*Pyridoxine Hydrochloride*)
Synthesized in the Merck Research Laboratories in 1939. Made available in commercial quantities in 1940.

2-METHYL-NAPHTHOQUINONE MERCK (*Vitamin K Active*)
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ICAL

BIOLOGICALLY

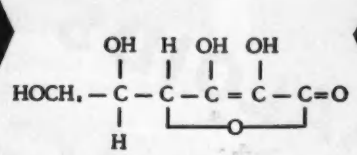
l synthesis or extracted
y and biologically identical

PURE VITAMINS DERIVED FROM *Natural* SOURCES

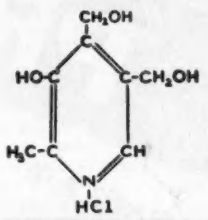
From natural sources—by extraction and purification

By rigidly controlled laboratory synthesis—at low cost

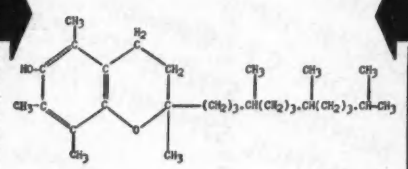
ASCORBIC ACID
(VITAMIN C)



VITAMIN B_6 HYDROCHLORIDE



ALPHA-TOCOPHEROL
(VITAMIN E)



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With vitamins commercially available as pure substances, it is possible to formulate desirable vitamin combinations with consummate ease. By using these *pure chemicals of known and uniform potency*, the proportions of the individual vitamins can be readily adjusted to meet the pharmaceutical manufacturer's specific requirements. It is only through the use of these pure vitamins that the high dosages indicated in severe deficiency states can be provided.

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CINNAMIC ALCOHOL
CITRAL
CITRONELLA OIL SUBSTITUTE
CITRONELLOL
DIMETHYL ANTHRANILATE
ETHYL ANTHRANILATE
GERANIOL, for Soap
GERANIOL, Various Grades
GERANYL ACETATE
IONONE 100%
IONONE C.P., Waterwhite
MENTHOL SYNTHETIC 30°-32°
MENTHOL SYNTHETIC FUSED
MENTHONE
METHYL ANTHRANILATE
METHYL BENZOATE
METHYL CINNAMATE
METHYL NAPHTHYL KETONE
METHYL PHENYL ACETATE
METHYL PHENYL PROPIONATE
MUSK AMBRETTE
MUSK KETONE
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PHENYL ETHYL ACETATE
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pose. Many firms are already arranging with their Federal Reserve Banks to take such action.

In closing, I wish to thank you again, all who have contributed so generously of their time and effort to render those services for which this association stands.

The coming year may be a crucial one in the affairs of our country, our industry, and our association. All may have to make many sacrifices. I bespeak your individual loyalty and cooperation in supporting the effors of the incoming officers, and I pledge my continued activity in whatever work may be assigned to me under whatever conditions may come.

Emperor Marcus Aurelius said a long time ago, "Live as on a mountain."

May I suggest a code of action for the coming year, based upon this thought.

Let us live on mental mountains so that our spirits may tower above the storms of doubt, cynicism and despair. Let us look out over the obstacles of today into the promised land of tomorrow. Let us see the rainbows while others battle with phantom shadows in the valley. Let our heads be in the clouds of confidence and courage with our feet imbedded on the solid rock of fact and reason. Let us dare to take risks. Let us carry on for God and for our country.

A.D.M.A. Services

A brief outline of the general services available to members through the Washington office was given by Carson P. Frailey, executive vice-president and secretary, who heads the headquarters organization. As examples of collective-type services, he mentioned (1) the guidance given by the general counsel on a number of legal matters; (2) compilation of the first report of the medical advisory committee of the Combined Pharmaceutical Contact Committee; (3) collaborative studies by a special group on stilbestrol; and (4) the activities of the Drugs Resources Advisory Committee of the Army and Navy Munitions Board.

Medical Advice

With reference to the work and program of the medical advisory group Mr. Frailey said:—

The outcome of the first efforts of the medical advisory committee was just what was anticipated—a compilation replete with valuable information. It covered the history, the chemistry, the pharmacology, the therapeutic actions, and the contra-indications of five well-known drugs. No one can gainsay that it was a laborous but worthwhile task. The report thus far developed is sufficient to clearly demonstrate two points:—(a) The importance of the program in the formulation of suitable warnings under section 502 (f) (2) of the food, drug, and cosmetic act; (b) the magnitude of the project if it is to be pursued along the path charted by the committee. It is my opinion that the pharmacology, the clinical actions and the contra-indications will be adequate for the background of warning statements. On the other hand, with the additional elements, namely, the history and chemistry included in a single publication, it seems to me that there will be provided an impressive document to reveal to administrative bodies and to the courts the diligence pursued in examining the subjects.

We are living in a new era with respect to such problems. Management would, therefore, do well to recognize without delay that the selection of appropriate warning or cautionary language for the labeling of medicinal agents introduces a mandate which may necessitate the opening of new channels of research. Much of it can doubtless be conducted as a collective enterprise, in which event the financial burden will be spread over a wide area. Consideration should be given to a central agency particularly for general items. Products falling into the specialty class must, in large measure if not entirely, be dealt with in an individual capacity.

The presently constituted committee can hardly be expected to continue the program unless machinery be set up to collect the essential data for review and correlation by the committee or its subgroups. It is a time-consuming task. The plan is designed not only to protect the public as contemplated by the act, but to protect the industry. This double feature should be persuasive. This matter is now under consideration by the executive committee.

Mr. Frailey, outlining the activities of the drugs resources board, spoke appreciatively of the full recognition given the industry by governmental executives in the defense program, particularly mentioning the medical departments of the army and navy. In an appreciative reference to work of the association's committees he quoted a former director of the Bureau of Foreign and Domestic Commerce on the opportunities for trade associations to effect integration of business for the welfare of society while maintaining the benefits of freedom of competition. And his observation of the future was summed up thus:—"While critical days be ahead, the sober verdict of history will be that

Robert Lincoln McNeil
Second Vice-President and Treasurer

industry is the lifeblood of a nation."

Treasurer Robert Lincoln McNeil reported for the year ended December 31, 1940, receipts of $41,004; disbursements of $36,346; and a balance on hand of something more than $25,000. He said that the budget for 1941 would show increases of about $1,700 in receipts and about $2,800 in disbursements.

Legislation

Although the past year had demanded that the greater part of legislative interest be laid in the field of national defense, said Leslie D. Harrop, general counsel, much attention had to be given to administrative procedures. The gradual approach of the Food and Drug Administration to the work under the new law had been finished and the administration of that statute had become more intense.

Mr. Harrop lauded the policy of the Food and Drug Administration to endeavor to work out all possible disputed points in an informal manner. He regarded that as conducive to the public good, and he said that it still left much to be litigated. Cooperation with the administration has been maintained, and the officials have been appreciative to the degree of granting hearings on matters of regulations which are not under statutory mandate to be discussed but may be promulgated as a matter of course.

In respect of the proposal to declare trademarks on trade-names to be the common names of drugs officially decreed to be habit-forming, Mr. Harrop reported that collective thought had been deemed inadvisable and that members of the association had filed individual protests, following study of the proposed regulations by a subcommittee of the legislative committee. Other subcommittees had concerned themselves in several States with local legislative proposals.

Davis & Geck, Inc., sutures and other surgical supplies, Brooklyn, N. Y., was elected a member of the association.

Defense Programs

The functioning of the Advisory Commission to the Council of National Defense was generally outlined by Lieutenant-Colonel C. F. Shook, of the army medical corps. Its aim, he said, was how best to serve the army and navy with the least disturbance of normal business activities; it was helping well to provide stockpiles of materials necessary to defense work.

The determination of priorities was explained by Colonel Shook who pointed out the relationships of the OPM priority activity and that in the army and navy Munitions Board, explaining also the duties of the OPM and OPACS separate purchasing divisions—the former functions only in governmental buying. He urged the desirability that the drug industry be represented in OPM personnel by somebody who spoke the language of the industry and knew its problems. He felt that there would be an advantage in returning the OPM schedule to the basis of commodity groups.

Special appreciation of the helpful work of the Drugs Resources Advisory Committee was expressed by Colonel Shook. This was supplemented by Major Clifford V. Morgan, of the commodities division of the Army and Navy Munitions Board, who asked that full cooperation be maintained and said that the official effort was to be fair to industry, to the governmental needs, and to the public welfare.

Reserves of essential drugs were discussed by Major Morgan, and he pointed out the needs for applying export controls. He also favored the centralization and supervision of buy-

Continental by R.M.G., Inc.

Leslie D. Harrop
General Counsel and Legislative Chairman

ing by other countries and by the Red Cross so that depletions might be prevented.

Commander Carlton L. Andrus, of the navy bureau of medicine and surgery, told how the plans of several years past in respect of medical supplies were being converted into actualities. He said that about 20 percent of the bureau's dollar expenditures were for drugs.

Colonel Shook advised drug manufacturers to cease having classes of pharmacy students or other groups on visits to their plants. The preclusion of sabotage was his reason.

Memorials for the following deceased members were presented by George Simon and received by the convention with a rising vote of respect:—

William H. Erhart, of Charles Pfizer & Co.; Theodore Weicker, of E. R. Squibb & Sons; Myron Heyn, of Frederick Stearns & Co.; Oscar L. Biebinger, of Mallinckrodt Chemical Works; John Anderson, of Charles Pfizer & Co.; and John L. Tiffany, of Lederle Laboratories.

Crude Drug Situation

The crude drug situation and the possibilities and actualities of domestic cultivation were discussed by S. Barksdale Penick, of S. B. Penick & Co., as chairman of the crude drug section. Mr. Penick's report will be printed in full in an early issue of the REPORTER.

Clinical Research

There was a substantial scientific aspect in the general sessions this year, as well as in the chemical and biological sessions. The growing interest in research was the influence. An ironic picture of empiric experimentation in the remedying of disease was presented by Dr. Theodore G. Klumpp, chief of the drug division of the Food and Drug Administration, as a preface to a discussion of medical and pharmacal research today. He found some unscientific aspects still prevalent with the result that there is waste because of unsound bases and unestablished beliefs and claims. It was his feeling that differences in therapeutic opinion existed wholly because of faulty evaluation of available evidence since there were means of testing all claims.

In an appreciative reference to university hospital centers for clinical study, Dr. Klumpp discussed the funding of such work by drug houses and by government in their own laboratories or in universities, pointing out that in the latter case a supporting drug house had no control of the work. He urged closer cooperation between manufacturers and universities and pointed to the du Pont, U. S. Steel, and General Electric programs as something to be emulated in study of the biggest of all problems, that of health. Individual work, despite the value of the brilliant worker, he held to be less valuable and less useful than coordinated and collaborated group undertakings.

Dr. Perrin H. Long, of Johns Hopkins School of Medicine, supported Dr. Klumpp's advocacy of better relations between drug manufacturers and medical research clinics. He stressed the need for mutual respect and confidence, and he pointed out that manufacturers should provide increasing funds for research in medical centers. Dr. F. J. Stockman, of the Winthrop Chemical Company, declared that drug manufacturers owed the medical profession full assistance to sustain its schools and investigators because their own futures depended more and more on such research. He urged that the two groups come closer and closer together. Out of his own experience, said H. A. B. Dunning, of Hynson, Westcott & Dunning, he was in complete agreement with the advocacy of better and broader relationships founded on and sustained by mutual confidence and respect. Colonel Shook suggested the wisdom of impressing draft boards with the essentialness of scientific men in the production of supplies for defense. John G. Searle, of G. D. Searle & Co., saw big opportunity for cooperation with the medical profession and with the Food and Drug Administration in the field of research. The fine spirit of cooperation that marked Dr. Klumpp's and Dr. Long's work was praised by Dr. W. A. Feirer, of Sharp & Dohme.

Noting how the development of the new "Sulfa" drugs had given one impetus to therapeutic research, Kr. Klumpp spoke of the influence in that direction of the new drug section of the food, drug, and cosmetic act. This, he felt, was a wholesome influence for the legitimate drug business. He spoke also of the opportunities for cooperation in connection with endocrinology. In his examination of such opportunities the speaker got far from his opening declaration:—"Nature cures the disease, while the medicine amuses the patient."

Bacterial Chemotherapy

Dr. Perrin H. Long, of Johns-Hopkins Medical School, gave the convention another of his quite informal, most informative talks on "Recent Advances in Bacterial Chemotherapy." Dr. Long has the happy faculty of making the most-high-brow subject intensely interesting. He spoke this time first in brief review of the earlier "Sulfa" drugs relating the trend from sulphapyridin to sulphathiazole in treating pneumonia and gonorrhea. Sulphathiazole, however, is less effective in hemolytic streptococcic infections than is sulphanilamide; has been promising in meningococcal infections; but produces more rashes and fever than its precursors so is shied away from in fear of developing cross-sensitivity with respect to the sulphanilamide or sulphapyridin.

Dr. Long discussed fully the application of sulphaguanidin to the treatment of bacillary dysentery. It does not sterilize intestinal contents, he said, but does cut the rate of multiplication of colon bacilli of the dysentery group. It is promising in colonic surgery—sulphathiazole is its equal, but the former has practically no toxicity made evident by rashes and the like.

Sulphadiazin has the advantage of being easily maintained at any desired concentration in the blood, Dr. Long said. It is about as effective as the pyridin or the thiazole compound in respect of streptococci, staphylococci, and colon bacilli, but is the drug

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of choice because it does not produce nausea and other untoward symptoms. He regards it as better than sulphanilamide for hemolytic streptococcic infections. It is good in pneumonia, larger doses being necessary, and in staphylococcic infections, and has been praised in Friedlander's meningitis. It is next to sulphaguanidin in low toxicity and is tolerated in high concentrations.

Local uses of the "Sulfa" drugs were discussed by Dr. Long, covering use in powder or ointment form. Sulphanilamide is good in hemolytic streptococcic infections but in the mixed infections of war wounds there is a question which of the compounds is to be preferred. Sulphathiazole is more effective for certain gas-gangrene organisms (zinc peroxide is preferred for one of these) and in titanus than any other except sulphadiazin. The army has accepted sulphanilamide, but may shift to another.

Dr. Long prefers a powder that is not too fine, because fineness results in caking. The absorption is still being studied. Sulphadiazin at present appears to be the least toxic.

Dr. Long and Dr. Vincent du Vigneaud, professor of biochemistry of Cornell University Medical College, discussed the influence of amino acids on the "Sulfa" drugs because of reports of the inhibitory effect of para-aminobenzoic acid on sulphanilamide. Dr. du Vigneaud asked Dr. Long's opinion on how far this might involve the effects of proteins in the diet. He pointed to the presence of para-aminobenzoic acid in the vitamin B complex and raised the point of the effect of methionine and nicotinic acid.

Dr. Long said that, while methionine will neutralize the effects of sulphanilamide, and the pyridin, thiazole, and diazin compounds in the test-tube, clinical indications are that diet has no striking differences even when capsules of A and B vitamins are given. Immunity is a factor, he said—and there are others; in respect of nicotinic acid apparently a growth factor. He warned that use of a local anesthetic of the procaine type probably would nullify the effects of sulphanilamide because the anesthetic would be broken up to form para-aminobenzoic acid.

Metabolic Studies

The possibilities of learning much about the dynamics and processes of drug actions through study of intermediary metabolism were advanced by Dr. Vincent du Vigneaud, professor of biochemistry at Cornell University Medical School, at the session of the scientific section. Dr. du Vigneaud suggested the use of isotopes as a means of detecting what goes on in the metabolic process. Introducing an isotope, that is the so-called "heavy" variety of an atomic element, to replace the ordinary variety in a compound enables the biochemist by means of test animals to trace the course of the compound in the tissues.

Isotopes of two sorts have been used in Dr. du Vigneaud's experiments —the natural, or stable ones, and the unstable, radio-active isotopes which can be introduced in synthetic compounds quite readily. Very small, almost imaginarily small amounts of isotopes are needed for tracing by radio-activity but the life of the activity is a factor. There have yet been no indications of undesirable or other considerable effects of the substitution on the action of a compound.

Dr. du Vigneaud illustrated his use of isotopes by a description, with charts, of a study of the biologic synthesis of sulphoamino acids in the body. Thus, arginine, plus "heavy" nitrogen plus glycine produced guanidoacetic acid which was methylated to creatine. It was necessary to have present another compound to furnish the methyl groups, as he demonstrated with respect to the cystins. He showed also that methionine was demethylated to cystine in the metabolic process, but that the reverse methylation could not be effected.

Employment Relations

Because of the selective service law and program and the demands of defense production and the progress of labor programs there was an unusual interest in the report of the committee on employment relations. The committee's commentaries, as presented by the chairman, Ralph R. Patch, were as follows:—

At the beginning of the association year, your committee expected to function from time to time during the year, by collecting and disseminating information on timely topics. The plan was not carried through. The kalaidoscopic changes in the picture have occurred so rapidly as to make information obsolete before it could be gathered and distributed. Furthermore, these changes and the special assignments of members of the committee have made such demands upon their time that there has not been available the time necessary for this work. We still believe that under normal conditions the committee could be more helpful to the members by activities spread throughout the year.

In preparing this report, our problem has not been to find subjects for comment, but to limit ourselves to those particular angles of employment relations that are of greatest interest at the moment. An inquiry showed that the

Dr. A. W. Lescohier
A.D.M.A. First Vice-President

two subjects of greatest present interest to our members are first, our obligations to employees who enter military service, and second, how to improve our relations with our employees to promote greater defense effort.

Military Service

The induction of employees into military service under the selective service act has created a number of problems for manufacturers. What position should employers take in regard to seeking deferment for employees? What should be done in regard to compensation of drafted or volunteer employees? What promises should be made in regard to employment on leaving the service?

A study of the policies of a number of our members demonstrates a general recognition of the dual responsibility of contributing to the success of the program under the selective service act, and at the same time maintaining an organization which can function quickly and efficiently to meet any emergency call to supply medicinal products for military forces and the civilian population. The general practice is to seek deferment for scientific and executive personnel who have become essential to the routine operation of the business, or to the completion of important developments, but not to ask for any general deferment for employees.

Policies in regard to compensation of employees who have volunteered for service, or have been drafted, vary quite widely within the industry and among manufacturers in other lines. The general attitude is different from that of 1917 and 1918, as we would expect. There has been a gradual transition in our conception of the relationship between employer and employee during the last twenty years. This is reflected in a feeling of greater responsibility on the part of employers with respect to the economic status of employees.

Shortly after the passage of the selective service act some companies announced policies covering compensation of employees where were drafted into the service. Actuated by patriotic motives, some at once agreed to generous cash payments on entering the service and continuing compensation throughout the year of training equal to the difference between pay received in the service and what had been paid in private employment.

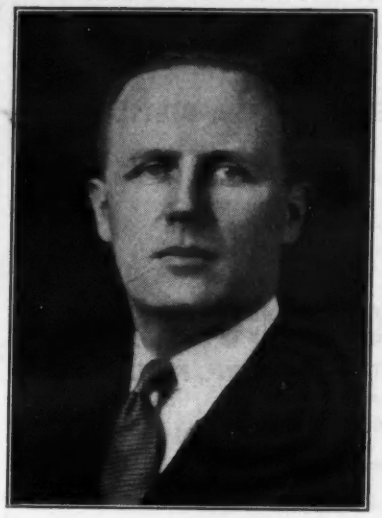
Other companies, equally patriotic, but more conservative, studied the various possibilities before acting. When they found the actual number of men subject to call and learned more about the possibilities of service extending beyond one year they set up compensation plans which took into account the pay, allowances, and subsistence of the man in service.

In September, 1940, one hundred manufacturing companies reported on what they were doing about compensation. Thirty of these companies had announced some compensation plan; sixty-six did not expect to compensate; and four had not decided what they would do. But in October nearly two-thirds of those reporting had adopted some extra compensation plan. The policy of making pay allowances was more prevalent among the larger companies.

We do not have complete figures for our industry but from what we have we find the trend is toward some compensation allowance. In general those employees who have been drafted and those entering service through the National Guard are treated on the same basis during the one year's training period. Those who volunteer in the Army for three years or in the Navy for six years may get the same initial payment as the others, but are not covered in any continuing payments.

Compensation Allowances

Compensation runs all the way from one week extra pay as a minimum to the difference between the yearly pay received in the service and one year's pay at the old job, as a maximum. It depends on the percentage of employees liable for military service and the abil-



George W. Merck
A.D.M.A. Third Vice-President

ity of the company to pay.

Recognizing the importance of employees cleaning up outstanding financial obligations before entering the service many companies either give four weeks' pay when the trainee leaves the company or carry him on the payroll for an additional four weeks.

A number of companies have agreed to pay the difference between what the employee would have received in his regular employment and what he does receive in pay and allowances while in the service, with a differential in favor of those having dependents. Allowances include an amount for subsistence. For example an employee was earning $120 a month in his regular employment. His Army pay and allowances amount to $40 a month. If he had remained at his regular employment he would have spent $45 a month for room, board, and clothing. The difference of $35 a month is paid monthly if the employee has dependents. One-half the total is paid at the end of the year's service if there are no dependents. This plan is growing in popularity.

The law does not say that any compensation shall be paid to employees on leave of absence in military service, but section 3 (f) says, "Nothing contained in this or any other act shall be construed as forbidding the payment of compensation by any person, firm or corporation to persons inducted . . ."

Insurance or Other Benefits

The law says that workers on leave of absence for military training shall be entitled to participate in insurance or other benefits—pursuant to established rules and practices.

A survey of one hundred one companies made by the National Industrial Conference Board showed that seventy-nine would continue group life insurance during the year's leave of absence. Seventy-one percent of this seventy-nine will pay all the premium. The employee will pay part of the premium in 26 percent of the cases and all the premium in 3 percent. Fourteen companies expected to suspend group life insurance plans insofar as they affect trainees, for the duration of the training period. Eight companies had not determined policies.

The trend seems to be toward continuation of group life plans, with full premiums paid by the employer.

Group health and accident insurance is automatically discontinued for obvious reasons.

Status at End of Service

The selective service act endeavors to safeguard the employee's right to his job upon the completion of his training period and to protect his seniority rights and privileges under various insurance, profit-sharing and other benefit plans. The act says that an employee shall be restored to his previous position or to one of like seniority, status and pay "unless the employer's circumstances have so changed as to make it impossible or unreasonable to do so." This is required only in the case of persons who (1) have satisfactorily completed their period of military training, (2) are still qualified to perform their duties, and (3) apply for employment within forty days after release from military service. A further requirement is that the restored employee shall not be discharged without cause within one year after such restoration.

There is a much greater uniformity regarding employee status on termination of service, in the announced policies of employers, than regarding compensation. Most employers are very careful to follow closely the wording of the law and point out all the conditions that must be met for re-employment. Employees who volunteer for service are not usually included in announced policies applying to re-employment. This is probably due to the fact that army enlistments are usually for three years and navy enlistments usually for six years. Such long periods of time have too many unpredictable possibilities to cover with a definite agreement.

When promoting employees or when hiring new employees to fill positions of those who have entered the service it is very important that it be made plain that such positions are only temporary and the persons who formerly filled those positions are to have them again on leaving the service.

Employer-Employee Relations

Any properly designed and constructed machine functions smoothly if friction can be eliminated. But what squeaks, heat, and even failures can develop as a result of friction if we use the wrong kind, quality, or quantity of lubricant, or fail to apply the lubricant, at the right place, at the proper time.

Assuming each drug manufacturing company represented here today to be a machine properly designed and constructed, what is the proper lubricant to prevent friction, overheating, and breakdown of any of its parts? Well—that depends. It depends upon the size of the company, the fundamental purpose behind its operation, and the character of the men who control its destiny.

All kinds of specialized lubricants are offered by those who sell their services as counselors on industrial relations. There are times when the prescriptions of these doctors are very valuable, but the more we can do to remove the conditions which make their services necessary the better it will be for the industry.

If we start with the problem in its simple form we will take the small organization with a few employees, therefore, few bearings and joints that need lubrication. If the head of this organization has the quality of unselfishness, an honest interest in serving his fellowmen, and a decent amount of common sense, there will be no problem in employer-employee relations. There will be minor frictions, of course, but the prompt and judicious application of the proper lubricant soon has things running smoothly. If, however, the head of the organization is selfish, or is not honestly interested in his fellowman, or lacks a decent amount of common sense, then frictions will develop that get out of control, even in a small organization.

The large organization brings greater problems, even though the head may have all the positive qualities. He cannot know all the employees, nor can they know him. His decisions must be based on reports that may pass through many hands before they reach him and may be wrongly colored in the process. His recommendations may pass through many hands before they are put into effect and may become badly distorted enroute.

So in large organizations it has been found to be necessary to set up a branch whose special responsibility is to see that the proper information goes from employee to management and back to employee in the shortest possible time and with the least distortion. Usually we call this the personnel department.

An abbreviated picture of the magnitude and possibilities of such work is given in an article by Stuart Chase in the February, 1941, *Readers Digest*, under the title, "What Makes the Worker Like to Work?" A more complete picture is found in the book, "Management and the Worker," by Prof. F. J. Roethlisberger, of Harvard, and William J. Dickson, of Western Electric research staff, referred to by Mr. Chase.

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To make sure that our own employer-employee relations cannot develop any kinks which will interfere with our defense efforts, your committee recommends that the management of every member company give time and serious thought to whether motives at the fountain-head are right and whether the proper machinery is set up to make these motives function as they should.

Contact Committee

The Combined Contact Committee had not met so often as usual in the past year, said Dr. Frank O. Taylor, chairman, because it had laid out its work at an extra number of meetings in the previous year. In one 1940 meeting it had discussed chiefly definitions for containers and storage conditions deemed useful in standardizations by the U.S.P. and N.F. committees and in the work of the Food and Drug Administration. It also considered the term, "substantially free," with reference to visible particles in N.F. ampuls, deceptive bottles, and various aspects of packaging and storing drugs.

Last February the committee had a conference on light-resistant containers with a group of experts from the glass division of the American Ceramics Society and Dr. G. D. Beal, of the U.S.P. committee, and Dr. J. L. Powers, of the N.F. committee. This had been a helpful gathering, and the U.S.P. committee has named a glass advisory unit. Reports were made on deceptive and small packages and on the assay of chloroform in cough syrups.

Medical Advisory Report

The medical advisory affiliate of the contact committee had reported during the year on five drugs:—Bromides, cascara, ephedrine, phenacetin, and phenolphthalein. It had neither the time nor the money to carry its study of drugs as far as had been originally planned. It had found that recent reports on well-known drugs were not on their usefulness, but on untoward results in idiosyncracies or other influencing conditions or on their contraindications.

A large need for pharmacologic data exists, in the opinion of the contact committee, and the advisory report was submitted to the executive bodies of the American Drug Manufacturers Association and the American Pharmaceutical Manufacturers Association, which have it under consideration.

The contact committee expects to have much to do in the near future as new standards or additional monographs become ready in the work of U.S.P. and N.F. revision. Its conception of its work is that this must be to determine scientific facts and to draw proper conclusions, not to take mere controversial positions. It also feels that it has many useful opportunities to develop standards for drugs for which none have been established.

The committee on insurance, through Carle M. Bigelow, chairman, discussed new forms of coverage in workmen's compensation, public liability (products and automobiles), machinery and boilers, fire, use and occupancy, finished stock profits, malicious mischief and vandalism, fidelity bonds, robbery, and liability of officers and directors.

E. H. Volwiler, reporting as chairman of the committee on patents and trademarks, said that the new patents legislation of last year was so far satisfactory in operation. He told of the legislative endeavors to prevent misuse of patents in connection with national defense and to withhold patent information on articles considered essential to defense, also of the presidential embargo on models and plans related to such articles. Some twenty bills are pending; there is also a deal of interest in patent pools and foreign control in the patent field on the part of the Department of Justice.

The Ellis-Foster vs. Spruance suit was cited because it upheld the patentability of use of a long-known agent to effect a long-sought result.

Reciprocity in foreign patenting was favored by the committee. It pointed out the necessity for foreign registration of trademarks. Brief reference was made also to the proposal to call trademarks the common names of habit-forming drugs under the food, drug, and cosmetic act.

PHARMACEUTICAL SPECIALTIES

Acetyl-Beta-Methylcholine Bromide
Acetyl-Beta-Methylcholine Iodide
Acetylcholine Chloride
dl-Alpha-Alanine
2-Aminopyridine
Ammonium Ichthyolsulfonate
Arbutin
Beta Alanine
Bromocholine Bromide
Calcium Iodobehenate
Acetyl-Beta-Methylcholine Chloride
Acetylcholine Bromide
Adenylic Acid
Aminophylline
2-Aminothiazole
Antipyrene Salicylate
Ascorbic Acid
Betaine Hydrochloride
Calcium Camphorsulfonate
Calcium Levulinate

Calcium Magnesium Salt of Inosithexaphosphate

Calcium d-Pantothenate
Chloro-Iodo-Oxyquinoline
Cholic Acid
Cysteine Monohydrochloride
Dehydrocholic Acid
Diacetylamino-azotoluene
Glutamic Acid
Histamine Dihydrochloride
Histidine Monohydrochloride
Hydroxylamine Sulfate
Levulose Crystals
Maltose Purified
Oxyquinoline and Salts
Potassium Thiocyanate
Quinolinic Acid
Saponin
Carbromal
Cholesterin
Choline Chloride
l-Cystine Base
Desoxycholic Acid
Galactose
Glutathione
Histamine Diphosphate
Hydroxylamine Hydrochloride
Lecithin from Eggs
Magnesium Peroxide 25%
Nucleic Acid
Phenetsal
Quinine Iodobismuthate
Riboflavin
Sodium Camphorsulfonate

Sodium Methyl Arsonate (Disodium Monomethylarsonate)

Sodium Nucleinate
Strophantin U.S.P. XI
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Other scientific aspects of the meeting will be covered in supplementary items in next week's REPORTER.

Washington Suggestions

Several representatives of the Federal government were speakers at the final general session of the convention. C. C. Concannon, of the Bureau of Foreign and Domestic Commerce, spoke earnestly in advocacy of the

William D. Barry
A.D.M.A. Entertainment Chairman

prevention of runaway prices, suggesting expansion of production and other steps of assistance toward that end.

H. J. Anslinger, Commissioner of Narcotics, urged manufacturers fully to assure themselves of supplies of important drugs for at least a three-month period. He also asked support for the amendment of Federal and State narcotic laws which would stop the growing use of paregoric by habitues and also prevent misuse of barbiturates.

Paul V. McNutt, Federal Security Administrator and Coordinator of Health and Welfare Activities, spoke appreciatively of the cooperation of the drug manufacturing industry in providing medical supplies for the defense program and in the administration of food, drug, and cosmetic act. He asked for a still more comprehensive national program of public health and other security.

Mr. McNutt also discussed possibilities in chemical synthesis and specialized agriculture for the assurance of an adequate domestic supply of necessary drugs.

Entertainment

The entertainment side of the meeting was enjoyable and it was presented without a hitch on the part of the committee, albeit the weatherman was not wholly favorable to the tennis-players.

A musical concert and motion pictures were provided Sunday for the early arrivals. Monday brought a luncheon and bridge at Kate's Mountain for the ladies, a cocktail party, the president's reception, and dancing.

Tuesday during daylight was devoted largely to golf. The ladies had a putting contest, and the men had a tournament. A floorshow of high quality filled the evening pleasantly, and there was dancing later.

The ladies played cards again Wednesday. The tennis tournament was staged in the afternoon. At the banquet in the evening Hon. Henry J. Allen and "Senator" Edward Ford spoke.

Sports Winners

The golf tournament, May 6, was the big sports event. The results in the way of prize-wining were as follows:—

Qualifying low gross, C. A. Dunning.
Tournament, low gross, G. S. Furman.
Tournament, low net (president's trophy), R. J. Coleman.

First flight—Low gross, S. V. Smith; first low net, C. W. Warner; second low net, E. A. Bobst.

Second flight—Low gross, A. H. Fiske; first low net, C. H. Palmer; second low net, E. A. Cahill.

Third flight—Low gross, P. Wallis; first low net, R. G. Robbins; second low net, Floyd Thayer.

Fourth flight—Low gross, J. E. Schneider; first low net, H. G. Malcolm; second low net, L. D. Harrop.

Fifth flight—Low gross, G. P. Snow; first low net, F. O. Taylor; second low net, J. M. Wolff.

Sixth flight— Low gross, R. E. Horn; first low net, J. A. Foy; second low net, J. F. Anderson.

Seventh flight—Low gross, F. J. McDonough; first low net, Mrs. R. J. Fosbinder; second low net, Mrs. J. C. Chilcott.

Longest drive, J. G. Searle.
Closest to pin, R. R. Patch.
Least putts, E. S. Retter.

Guest prizes—Low gross, Bruce Puffer; first low net, C. L. Lightfoot; second low net, M. A. Eddy; third low net, Ira Vanderwater; fourth low net, F. W. Green.

Mr. and Mrs. Lowell Weicker were the winners in the tennis tournament. Carleton H. Palmer and George Sibley were the runners-up. And the consolation prizes went to Mrs. W. H. Conroy and C. A. Dunning.

R. E. Thompson has been elected president of the Superior Oil Corporation, succeeding J. R. Essley, who became board chairman.

F.T.C. Order Against 'Consumer Reports'

OPD Washington Bureau
May 8, 1941

The Federal Trade Commission ordered Albert Lane, an individual trading as Consumers Bureau of Standards, who has conducted his business at various locations in New York, Chicago, Philadelphia, and Long Island City, N. Y., to cease and desist from misrepresentations and other unfair practices in the sale of publications advertised as being the result of research on behalf of the consumer. The respondent's publications were: "Consumers' Preference," "Consumers' Bureau Reports" and "Consumers Bureau Guide."

Commission findings are that the respondent represented the Consumers Bureau of Standards as being "a national non-profit consumers' research and educational organization which investigates, tests and reports on goods and services for the benefit of the ultimate consumer," when in fact the respondent did not conduct a real research and testing bureau for consumers and maintained no staff or laboratory equipment.

Weinberg Ass't Director Of OPM Purchases

OPD Washington Bureau
May 8, 1941

Appointment of Sidney J. Weinberg of New York as assistant director was announced today by Donald M. Nelson, director, Division of Purchases, Office of Production Management.

A partner in the banking firm of Goldman, Sachs & Company, Mr. Weinberg has served as a member of the Business Advisory Council of the Department of Commerce, and in 1934 was a member of the Industrial Advisory Board of NRA. On leave of absence from his firm and his directorships, Mr. Weinberg will take up his duties with the Division of Purchases on May 15. He will serve as a consultant on various industry problems.

MANUFACTURERS OF

VITAMIN B_1
(Thiamine Hydrochloride U.S.P.)

VITAMIN C
(Acid Ascorbic U. S. P.)

VITAMIN E
(d,l, a-tocopherol acetate)

The trade-mark 'Roche' is inseparably linked with original scientific research and large-scale manufacture of vitamins. Throughout the pharmaceutical industry and among physicians, druggists, and scientific workers, it is respected as the symbol of rare quality and chemical purity. For details as to price schedules and direct purchases from Roche Park write to our Vitamin Division.

HOFFMANN-LA ROCHE, INC.
Roche Park, Nutley, N. J.

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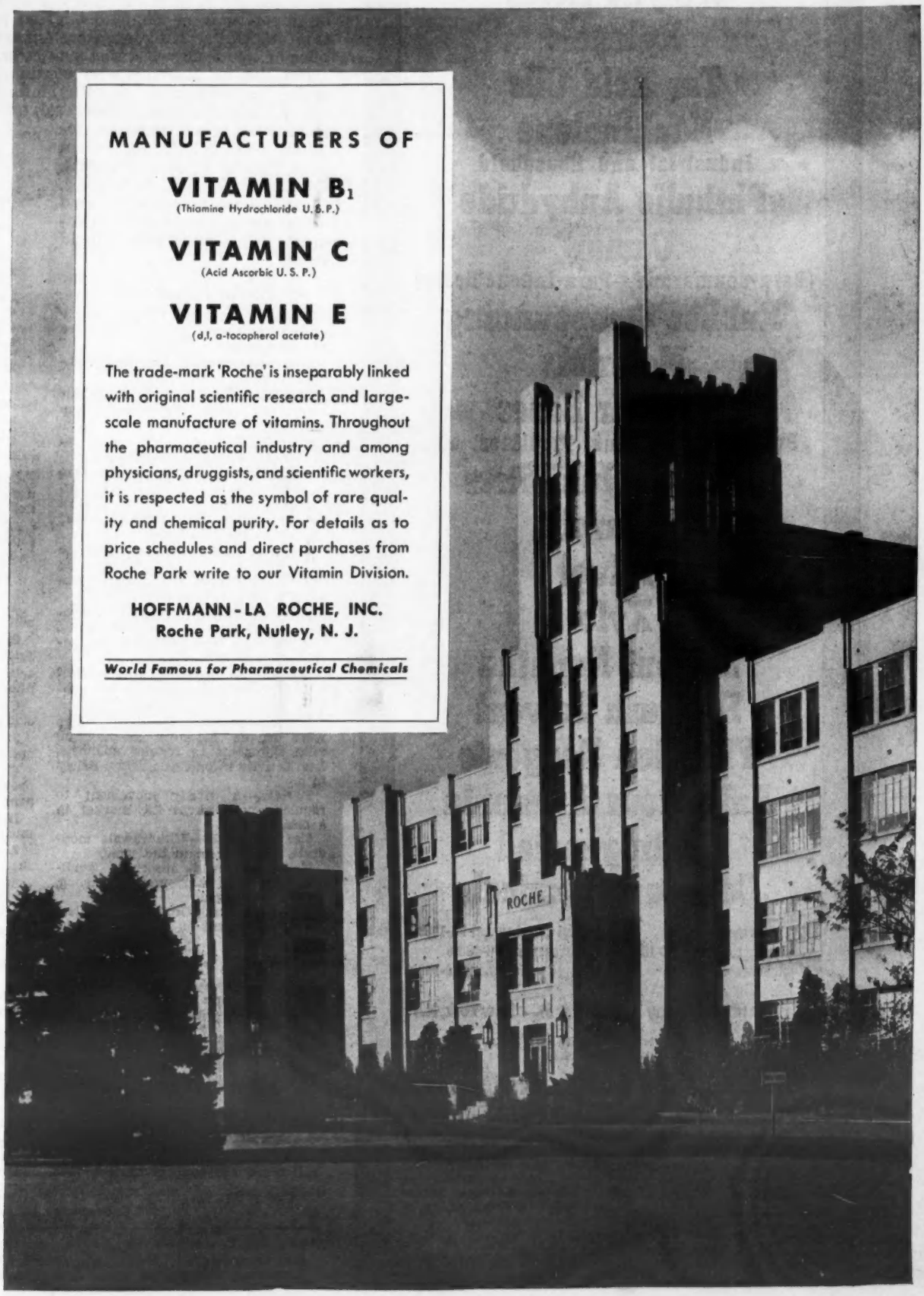


Barrett

Phenol
Cresols
Cresylic Acids
Xylenols
Tar Acid Oils
Naphthalene
Industrial and Household
Phthalic Anhydride
Cumar*
(Para-coumarone—Para-indene Resin)
Rubber Compounding Materials
Coal-tar Bases
Pyridine, Quinoline, Picolines, etc.
Pickling Inhibitors
Benzol
Toluol
Xylol
Solvent Naphtha
Hi-Flash Solvent
Flotation Reagents
Anhydrous Ammonia
Hydrogenated Coal-tar Chemicals

Cyclohexane 98-100%
Methyl Cyclohexane 98-100%
Cyclohexanol 98-100%
Methyl Cyclohexanol 98-100%
Cyclohexanone 98-100%
Methyl Cyclohexanone 98-100%

The Barrett Company • 40 Rector St. • New York, N.Y.

... One of America's great basic businesses

*Trademark Reg. U.S. Pat. Off.

Barrett CHEMICALS

SEND FOR THIS BOOKLET

This new 36 page, pocket size booklet lists the many important Barrett Chemicals, and provides a finger-tip reference of concise descriptions and uses for each product. We will gladly send your copy on request. No obligation.

Coaltar Chemicals

Orders Continue Brisk — Steel Operations Show Recovery —Position of Phthalic Anhydride Lacks Any Improvement — Cresylic Acids and Naphthalene on Priority List

A heavy influx of orders reached the market for coaltar chemicals last week. Demands for national defense, directly and indirectly, brought about tight situations in many products. Cresols, cresylic acid, napthalene and phthalic anhydride were placed on the new priorities critical list issued by the Office of Production Management. Steel operations recovered partially from the let down due to the soft coal strike. Several blast furnaces have been placed in operation, but it will take a few more weeks to bring output up to capacity. Price changes were absent and the tone of the market firm.

There was little improvement in the position of phthalic anhydride. One producer announced plans to expand production, although this would not have any immediate effect on the prevailing shortage. Phenol continued tight, however, there was less activity in the outside market than previously. Restrictions on exports was expected to lessen speculation. Domestic cresylic acids remain in good call, the absence of any sizeable quantities of imported from England exerted pressure. Some shipments from the United Kingdom were expected to arrive shortly. Supplies of toluol moved directly to consuming channels.

Demand for intermediates continued steady. Alphanaphthol, anilin, betanaphthol, dimethylanilin, dinitrobenzene, dinitrotoluene, nitrobenzene, orthocresol, orthodichlorobenzene, orthonitrotoluene paranitroanilin, toluidin and xylidin moved in good volume against contracts. Coaltar acids such as benzoic, fumaric, maleic picric and tobias were in good call. Movement of coaltar colors held steady.

Price Changes

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.6	126.6	126.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Shipments remain steady against contracts. Prices unchanged and tone steady to firm.

Carbazole.—Market firm and withdrawals along routine lines.

Coaltar.—Inquiries and shipments moderately active. Pricewise a firm tone prevailed.

Creosote Oil.—A fairly good replacement business remained in evidence. Market continued in a firm position.

Cresols.—Shipments steady against contracts, with sellers well booked ahead. Prices rule firm.

Cresylic Acid.—Market position tight, sellers restricted business to regular channels. Offerings of imported small and market nominal.

Naphthalene.—A seasonal movement of refined was under way, while call for crude was steady. Prices unchanged and firm.

Oil, Shingle Stain.—Buying moderate. No change occurred in the quotations.

Phenol.—Demand brisk. Sellers were having difficulty keeping up with shipments to regular channels. Less activity in outside market. Prices firm.

Pyridin.—A steady movement to regular sources kept the market in a firm position.

Tar Acid Oils.—Withdrawals moderate. Prices remain the same.

Toluol.—Demand absorbing available supplies and market strong. Prices unchanged.

Xylol.—A steady interest prevailed. Prices underwent no change and tone held firm.

Chicago Coaltar Bases

Business continues good in most coaltar bases. A firm tone is noted in representative materials. Benzol interest remains active. Toluol demand is brisk. Ruling prices exclusive of taxes are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, nearby refineries, 8½c. to 9c.; toluol, 27c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Hydrogenated Solvents

Cyclohexane.—Inquiries steady, and shipments satisfactory. Prices firm.

Cyclohexanol.—The call came from usual channels for moderate quantities to keep market in firm position.

Methylcyclohexanone.—Business routine. Pricewise a firm tone prevailed.

Coaltar Acids

Anthranilic.—Offerings routine, while prices held the same.

Benzoic.—Shipments steady, and prices retained their firmness.

Broenner's.—Usual consumers supplied the call, and prices ruled firm.

Cleve's.—Transactions moderate. No change occurred in the quotations.

Fumaric.—A good inquiry continued, and prices were well sustained.

Gamma.—A fairly steady interest prevailed. Prices unchanged and firm.

H.—Market strictly routine. Prices unchanged.

Laurent's.—Purchases moderate. Prices lacked any alteration.

Maleic.—A steady movement was underway, and market held its firm position.

Malic.—A satisfactory amount of replacement buying kept market firm.

Picramic.—Buying confined to regular channels as a rule.

Picric.—Inquiries and shipments good. Prices remain firm.

Salicylic.—Movement of technical grades held steady, and prices lacked change.

Succinic.—Steady to firm price tone. Steady interest.

Sulphanilic.—No change in the prices, while business was irregular.

Tobias.—Orders reacned the market in satisfactory volume, and prices held unchanged.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Syn. Organic Chem. Mfrs. Ass'n, June 4, Skytop, Pa.
Insecticide, Disinfectant Mfrs., June 9-10, Chicago.

Other Intermediates

Alphanaphthol. — Demand steady. No change occurred in the prices.

Alphanaphthylamine.—Buying well maintained and prices firm.

Anilin.—Shipments moved steadily and market position continued firm.

Anthraquinone.—Transactions moderate. Prices failed to change.

Benzaldehyde. — Technical grades in good call. Prices unchanged and firm.

Benzidin Base.—Firm price tone continued with business steady.

Betanapthol.—Shipments steady against contracts. Prices unaltered.

Betanaphthylamine. — Purchases moderately active and prices the same.

Diethylaniline.—Withdrawals moderate. Prices remain firm.

Dimethylanilin.—A good demand continued in evidence. Market tone firm.

Dinitrobenzene. — Steady inquiry. Prices firm.

Dinitrochlorobenzene.—Usual consumers provided a satisfactory amount of replacement business.

Dinitronaphthalene. — Prices unchanged and tone firm. Steady inquiry.

Dintriphenol.—A moderate demand prevailed. Prices underwent no change.

Dinitrotoluene.—Quotations held unchanged and shipments were well sustained.

Diphenyl.—Business spotty. Nothing new occurred in the prices.

G. Salt. — Transactions routine. Prices without change.

Metanitroparatoluidin. — Small lots usually made up the call. Prices steady to firm.

Nitrobenzene. — Business steady against contracts. Prices firm.

Nitronaphthalene. — Inquiries and shipments well maintained. Prices unaltered.

Orthoanisidin.—The call was moderate. No change in the prices.

Orthochloroanilin.—Usual consumers made fair-size replacements.

—*Continued on page* 48

Export Control Applies To Transshipments

—*Continued from page* 3

Great Britain and Northern Ireland, including the following:—

	Canada.	Great Britain and Northern Ireland.
Calcium cyanide, sodium cyanide	GKL 1	GKL 2
Caffeine	GKM 1	GKM 2
Casein	GKN 1	GKN 2

General licenses GBL 1 and GBL 2 for bromine have been amended to include theobromine and theobromine salts and compounds.

Collectors of customs have been authorized to permit without the requirement of individual license, the exportation of any of the articles and materials enumerated in the list above, to the respective countries named in the list, but the exporter is required to indicate the appropriate license number on the shipper's export declaration filed with the collector. Those articles and materials for which no general licenses have been issued, but which are subject to the requirement of an export license, will continue to require individual licenses for their exportation.

The Department of Commerce announces that arrangements have been worked out by the Office of the Administrator of Export Control in cooperation with the Bureau of Foreign and Domestic Commerce and its field offices, under which exporters will be able to determine, without undue loss of time, whether or not a particular product requires an export license.

The Office of the Administrator of Export Control has set up an information division, located in the Commerce building, which is now prepared to give prompt replies with regard to doubtful cases of licensability. However, in order not to clog the operations of the information division, exporters are requested to make careful study of published export control schedules and to discuss their problems with the nearest field office of the Bureau of Foreign and Domestic Commerce before submitting their inquiries to the information division. The field offices are charged with local dissemination of the announcements issued from time to time, revising or clarifying the scope of the instructions with regard to the export control program, which is still in the development stage.

This arrangement, according to the announcement, is expected to obviate the needless submission of applications by exporters who are not sure whether a certain product is subject to export control. Of course, no opinion can be ventured in advance as to whether a particular application will or will not be approved. Approval or disapproval will depend on the national defense situation with regard to the given product at the time of the receipt of a license application, and can be determined only by submission of the regular yellow application form, properly made out, to the Division of Controls of the Department of State.

Manufactured Wax Held Dutiable at 20% Ad Valorem

OPD Washington Bureau
May 5, 1941

A manufactured wax may not be imported free of duty under the provision for ordinary waxes, nor is it dutiable as a manufacture of wax, but should pay duty at 20 percent ad valorem as a non-enumerated manufactured product, the Court of Customs and Patent Appeals held today in a case involving General Dyestuff Corporation.

Shell to Build Second Toluene Plant in Texas

Houston, Tex., May 7, 1941

The Shell Oil Company has awarded a contract for the erection of an additional petroleum toluene plant. This new unit, according to Dr. R. H. Waser, manager of the refinery, will be a duplicate of the toluene plant opened in late 1940. The annual production capacity of the two toluene plants will be 4,000,000 gallons.

National Aniline Plans $1,000,000 Expansion

Buffalo, May 9, 1941

Speeding up plans to spend nearly $1,000,000 in housing additional chemical equipment at its Buffalo plant, the National Aniline & Chemical Co. is about to file plans with the Department of Buildings and award construction contracts for a series of these structures.

While company executives are unwilling to disclose the purpose for which this new construction will be used, it is, however, trade opinion that the great increase in the demand for both phthalic and maleic anhydride is expected to be met through this expansion.

Monsanto Income Less

Although sales volume of the domestic operations of Monsanto Chemical Company rose 40 percent to $14,442,926 in the first quarter in comparison with the first quarter of 1940, net income was only $1,354,291, equivalent to 98 cents a share, according to Edgar M. Queeny, president.

After setting aside a reserve of $350,000 for additional income taxes in prospect by reason of the pending revenue act, provision for first quarter income taxes amounted to $2,146,000, the report stated. Earnings compared with $1,642,037, or $1.23 a common share, in the first quarter of 1940. Retroactive income taxes because of the second revenue act of 1940 adjusted the earnings for that quarter to the equivalent of 88 cents a common share, the report disclosed.

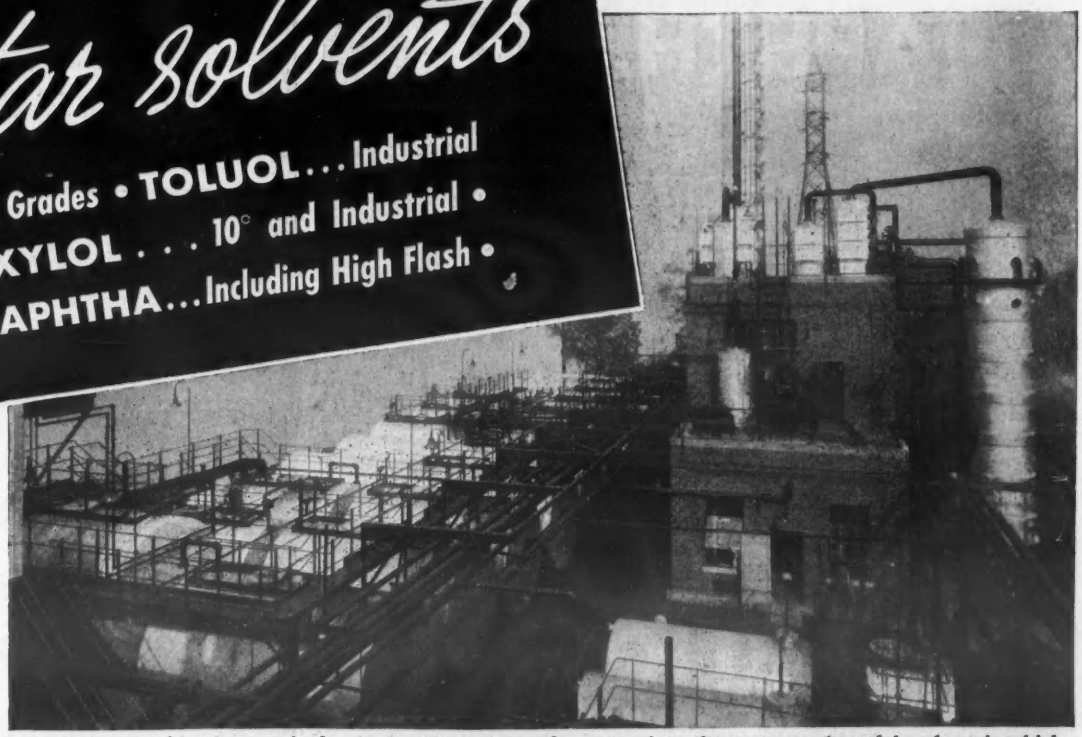
Benzol Freights Reduced

The New York Public Service Commission has approved new commodity freight rates of the New York Central on benzol, in metal cans, in boxes, or in bulk in barrels or in tankcars, carload minimum weight as specified in tariff, from Buffalo stations, East Buffalo and Harriet to Rochester 12c. per hundredweight. Reductions from class rates. Effective May 29, 1941.

KOPPERS

Coal tar solvents

BENZOL... All Grades • TOLUOL... Industrial and Nitration • XYLOL ... 10° and Industrial • SOLVENT NAPHTHA... Including High Flash •



OTHER KOPPERS CHEMICALS AND SOLVENTS

Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid—(99%, pale, low-boiling—99%, pale, high-boiling) . . . Naphthalene Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous-base Paints . . . Coal . . . Coke . . . Tanks and Tank Work . . . Removal and Recovery Systems . . . Gas Plants . . . Fast's Self-aligning Couplings . . . American Hammered Piston Rings . . . Pressure-treated Lumber

Experience gained by Koppers in developing, designing and constructing a large proportion of the plants in which coal tar solvents are recovered enables Koppers to produce coal tar solvents of uniformity and dependable quality.

KOPPERS COMPANY · PITTSBURGH, PA.

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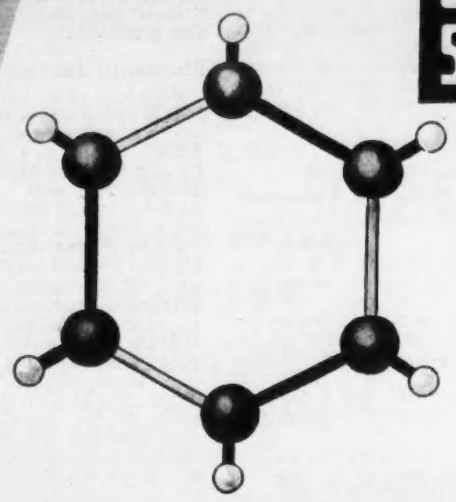
A laboratory product that makes the Benzol Ring conform to its proper shape.
J&L STEEL

HIGH QUALITY PRODUCTS MADE BY J&L
BENZOL · TOLUOL · XYLOL · PYRIDINE
SULPHATE OF AMMONIA
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AMERICAN IRON AND STEEL WORKS · PITTSBURGH, PA.

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REPUBLIC STEEL
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ALSO
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Canton, Ohio • Massillon, Ohio • Gadsden, Alabama • Birmingham, Alabama

Coaltar Chemicals

Other Intermediates

—*Continued from page 47*

Orthochlorophenol.—Trading irregular while prices held unchanged.

Orthocresol.—Market position strong and shipments steady, with selling confined to regular channels.

Orthodichlorobenzene.—Good demand. Prices unchanged and firm.

Orthonitroanilin. — Withdrawals moderate. Quotations held the same.

Orthonitrotoluene.—Business steady and market position firm.

Orthophenetidin. — Purchases routine. Prices lacked any alteration.

Orthotoluidin.—A firm price tone characterized the trading with volume well sustained.

Parachlorophenol.—Prices held unchanged, while interest was fairly steady.

Paranisidin. — Shipments moved moderately. Prices unchanged.

Paranitroanilin. — Inquiries steady. Prices unchanged and tone firm.

Paranitrochlorobenzene. — Usual consumers provided a moderate demand.

Paranitrophenol. — Prices unchanged. Business moderate.

Paranitrotoluene. — Steady demand. Prices failed to change.

Paratoluidin. — Prices rule firm. Withdrawals steady from regular channels.

Phthalic Anhydride. — Market position short, with selling behind in shipments. Quotations unchanged.

R. Salt.—Market routine. Prices remain unchanged.

Schaeffer's Salt. — Moderate interest. Nothing new occurred in the prices.

Thiocarbanilide. — Buying steady. Pricewise a firm tone prevailed.

Toluidin.—Prices unchanged and firm. Shipments steady against contracts.

Xylidin.—A good movement continued to regular sources. Prices firm.

Coaltar Colors

A steady volume of business continued in the market for various coaltar colors last week. The textile industry provided a satisfactory amount of inquiries, reflecting the relatively high production in woolen and cotton goods. Other consumers likewise came into the market for fair size replacements. Export inquiries, while confined to a few countries, were sizable. Prices underwent no alteration, and the tone was steady to firm.

Thirty-six new silk colors for Fall appear in the color card released by the Textile Color Card Association. Fashion highlights in the basic color range include greens of golden cast, such as green turtle and olive types, as well as a deep pine green. Brass and bronze tones golden brown and tan and lively topaz and clay shades are also cited in the high-style group. In the red range a sparkling light claret shade and an apple rose tone are featured. Continued strong favor for blues is expressed in grayed ashen and platinum shades and in greenish sea types.

Barrett Co. Phthalic Output to Be Doubled

The Barrett Company, this city, a subsidiary of Allied Chemical & Dye Corporation, has acquired additional land adjacent to its Frankford, Philadelphia, plant for the expansion of its coaltar chemical business. The company is now preparing to more than double its present plant facilities for the production of phthalic anhydride, which, among other uses, is an important raw material for the manufacture of synthetic resins.

Bag Corporation is a new corporation in Los Angeles county, with 1,000 shares of no par value capital stock. Directors are:—E. T. Felter, T. A. McGrath and M. M. Wolley, all of Newark, N. J. The new corporation is represented by Mathes and Sheppard, Rowan Building, Los Angeles.

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ENGLAND
Largest manufacturers in the World of low temperature tar acids of the highest possible degree of purity and efficiency.
A considerable proportion of the output is already being exported to North and South America for disinfectants, germicidal products and plastics, in addition to the special high efficiency flotation grade for the mining industry.
This is the first time in history that highly refined tar acids of this type have been made available on a large scale, and remarkably good results are being obtained by our many American buyers.
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PHOSPHORUS TRICHLORIDE
JOSEPH TURNER & COMPANY
PROVIDENCE RIDGEFIELD, N. J. CHICAGO

Paint, Varnish, Lacquer Materials

Purchasing of Raw Paint Materials Remains Very Active—Spot Quotations on Various Lacquer Materials Up—Imported and Domestic Casein Higher—Naval Stores Steadier

There was no slackening of activity in the general raw paint materials market last week. Better than normal ordering against contracts remained a feature, while the volume of new business held to satisfactory levels. The majority of prices remained very firm, with several advances recorded.

One prominent producer advanced spot prices for acetone, alcohol diacetone, butyl alcohol and acetate normal, ethyl acetate, ethylene dichloride, synthetic methyl acetone, isopropyl acetate and methyl isobutyl ketone. Other producers made no announcement. Practically all the business represents contract bookings, with most factors unable to accept any new inquiries. Word concerning contract adjustments should come about the middle of June.

Domestic casein producers and importers of the Argentine material advanced quotations during the period. Glue products remained scarce and nominal in price. Spot stearate quotations were about 2c per pound higher than list. Dry colors and pigments were moving in good fashion. Rosin and turpentine were steadier in Southern and local markets, the trend of prices being upward at times. No material broadening of business was noticeable, but in some quarters an increase was reported in buying interest. Movement into consuming channels apparently continued liberal, despite the conservative character of purchasing recently. The government remained out of the market as a seller of turpentine but continued to supply rosin.

Metallic Lead and Zinc

Demand for pig lead continued very heavy and supplies were tight, despite larger imports. Suppliers, however, seemed confident that stocks on hand will be sufficient to cover both civilian and defense needs in the immediate future. Price was steady and unchanged. With full governmental control of slab zinc production anticipated, the market moved in normal fashion last week. Suppliers continued to allocate deliveries. No changes were made in price.

Lead.—Prevailing spot prices at New York, St. Louis and London for the period from May 3 to May 9, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0585@.0590	$0.0570	..* .. ..
Monday	.0585@.0590	.0570	.. .. ..
Tuesday	.0585@.0590	.0570	.. .. ..
Wedn'sd'y	.0585@.0590	.0570	.. .. ..
Thursday	.0585@.0590	.0570	.. .. ..
Friday	.0585@.0590	.0570	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from May 3 to May 9, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0765	$0.0725	..* .. ..
Monday	.0675	.0725	.. .. ..
Tuesday	.0765	.0725	.. .. ..
Wednesday	.0765	.0725	.. .. ..
Thursday	.0765	.0725	.. .. ..
Friday	.0765	.0725	.. .. ..

* London exchange closed.

Pigments

Antimony White.—Fairly good demand continued. Price steady.

Flake White.—Little of new interest. Price firm and unchanged.

Litharge. — Movement remained good. Inquiries were routine. Price steady.

Lithopone. — Shipments were at a high level. Ordering against contracts brisk. New business fair. Price steady and unrevised.

Metronite Pigment.—Better than normal movement. Price firm.

Orange Mineral.—Demand continued at a good pace. Shipments large. Price firm.

Red Lead.—Consumers were ordering in good volume. Inquiries were numerous. Actual new business was at a high level. Prices were firm and unchanged.

Titanium Pigments.—Very strong call. Shipments heavy. New business good. Prices firm and unchanged.

White Lead.—Dry and in-oil material both in good demand. Shipments were above normal. Prices were steady and unchanged.

Zinc Oxides.—Very heavy demand. Shipments large. Prices firm.

Fillers and Extenders

Asbestos. — Movement remained large. Prices firm.

Asphaltum.—Better than normal demand, although the market was less active than in the preceding week. Prices were steady and unchanged.

Barytes.—Normal movement continued to be the feature of the market. Sales volume was believed running ahead of last year. Price was firm.

Bentonite.—Little of new interest. Demand fair and price firm.

Blanc Fixe.—Steady movement of material to normal consuming channels. Inquiries off. Prices firm.

Price Changes

Advanced

Acetone, spot, 1c. per lb.
Butyl alcohol, normal, spot, 1c. per lb.
Butyl acetate, normal, spot, 1c. per lb.
Casein, dom., ¼c. per lb.
Imp., Argentine, ½c. per lb.
Diacetone, alcohol, spot, 1c. per lb.
Ethyl acetate, spot, 1c. per lb.
Ethylene dichloride, spot, ½c. per lb.
Methyl acetone, syn., spot., 1c. per lb.
Methyl isobutyl ketone, spot, ½c. per lb.
Isopropyl acetate, spot, 1c. per lb.
Rosin, gum, 1c. to 11c. per 100 lbs.
Turpentine, gum, 2c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.0	128.0	128.0	126.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Purchasing Agents Ass'n, May 26-29, Chicago.

EXCELLENT MISCIBILITY WITH OILS & VARNISHES
LIGHT IN COLOR (IDEAL FOR WHITES)
EASY BRUSHING & GOOD LEVELING
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China Clay.—Demand fair. Price firm and unrevised.

Charcoal.—Material was moving in normal manner at unchanged prices.

Diatomaceous Earth.—Routine call. Inquiries less insistent. No change in prices.

Fullers Earth.—Fair demand. Price unchanged.

Graphite. — Movement moderate. Shipments fairly large. Prices firm and unchanged.

Gypsum.—Market routine. Prices steady.

Marble Flour.—Better than normal call. Price unchanged.

Mica.—The market was in a firm position, with demand good and prices unchanged.

Rottenstone. — Satisfactory buying interest reported. Price firm.

Talc.—Normal movement. No prices changed.

Whiting.—Consumers were ordering in good volume. New business was fair. Prices were firm and unaltered.

Driers

Prices on various stearates remained about 2c. per pound above list price for spot. Producers were not encouraging new business, but continued to supply regular customers at unchanged prices. Other materials were moving well, with quotations unaltered and firm.

Naval Stores

A steadier tone developed in Southern and local markets for navel stores last week. The recent decline in turpentine apparently had the effect of stimulating buying interest to some extent and an improvement was also noted in the inquiry for rosin. There were reports, too, of some increase in the export request for rosin with business said to have been closed for early shipment to South America. Turpentine sold at 35c. per gallon at Savannah on Wednesday, this figure showing an advance of one cent as compared with the closing quotation of the previous week. The trend of rosin was also upward at times, most grades showing moderate advances.

The government remained out of the market as a seller of turpentine, but continued to supply dealers with rosin. Offerings of both turpentine and rosin from private sources were on a fair scale though there was no pressure to sell. The crop movement for the season thus far has not expanded at the rate expected by some, this being attributed to unfavorable weather earlier in the year and to a shortage of suitable labor. Improved weather conditions have prevailed over much of the South of late, however, and an expansion of the movement from the woods is expected in the near future.

Meantime consumption of rosin and turpentine apparently continues on a liberal scale and in the case of the former product the indications are said to point to a further expansion as the defense program gets under way and the use of raw materials increases. Nothing definite was received from Washington concerning the efforts of representatives of producers to have gum naval stores included in the proposed measure to increase parity payments to producers of grain, cotton and other farm products. A revision of the agreement with producers covering operations during the 1941 season provides that offerings of rosin and turpentine for sale at points other than Savannah shall not be disposed of at prices below those prevailing in the Savannah market on the date of sale. The provision that all rosin and turpentine delivered at Savannah must be sold in that market is to remain in force during the current season.

Turpentine. — The local market was more active last week. Much of the purchasing was apparently limited to comparatively small lots to meet the current needs of consumers but in some quarters an increase was noted in the volume of orders for such quantities. The government remained out of the market as a seller

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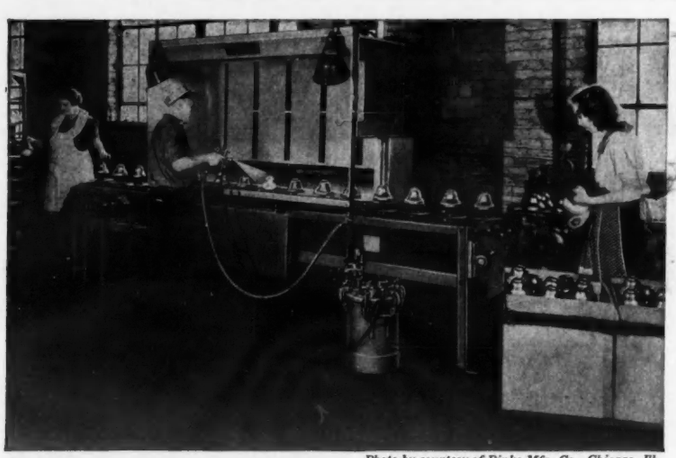

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and offerings in the South from other sources were moderate.

SAVANNAH, May 9.—Following is a record of the turpentine market for the week:—

	Gallons		Barrels		
	Cents.	Sales.	Receipts.	Shipments.	On hand.
Saturday*	..	...	...	...	...
Monday	34	15,300	69	101	6,270
Tuesday	34½	12,650	281	27	6,524
Wednesday	35	10,200	240	199	6,565
Thursday	35½	5,300	86	...	6,651
Friday	36	1,900	87	64	6,674

* No trading.

JACKSONVILLE, May 7.—Turpentine stock 9,070 barrels.

PENSACOLA, May 3.—Turpentine stock 9,926 barrels.

Chicago—May 9

Tone continued rather quiet in turpentine, with some buyers indicating they anticipated more pressure to offer material. Orders were mainly along the lines of taking care of immediate needs. Ruling prices at the close of business last night were:—Five-drum lots, 48c. per gallon; five wood barrels, 53c.; single drums, 51c.; single barrels, 56c.

Rosin.—Local prices had an upward trend at times in company with the course of the primary market which was strengthened by an increase in takings. Offerings in the South were moderate. Business here showed some increase though purchases were generally limited to comparatively small quantities for prompt shipment to consumers and dealers.

SAVANNAH, May 9.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$1.53	$1.55	$1.58	$1.58	$1.60
D	...	1.74	1.76	1.79	1.79	1.81
E	...	1.78	1.80	1.83	1.85	1.87
F	...	1.81	1.84	1.86	1.87	1.91
G	...	1.82	1.84	1.85	1.87	1.91
H	...	1.82	1.84	1.85	1.87	1.91
I	...	1.82	1.84	1.85	1.87	1.91
K	...	1.82	1.84	1.84	1.87	1.91
M	...	1.84	1.84	1.86	1.87	1.91
N	...	1.94	1.94	1.94	1.96	1.99
WG	...	2.40	2.40	2.35	2.38	2.38
WW	...	2.70	2.70	2.70	2.70	2.71
X	...	2.70	2.70	2.70	2.70	2.70
	Barrels					
Sales	...	117	85	221	162	547
Receipts	...	603	1,418	470	420	426
Shipments	...	3,794	82	1,000	...	521
Stocks	...	...	...	...	...	146,281

* No trading.

JACKSONVILLE, May 7.—Rosin stock 314,649 barrels.

PENSACOLA, May 3.—Rosin stock 41,244 barrels.

Chicago—May 9

The rosin market has been marking time. Buyers seem to be exercising considerable caution and are confining their activity to more or less routine type activity. Ruling prices at the close of business last night in five-drum lots were:—B grade, $2.82 per 100 pounds net; G grade, $3.10; M grade, $3.12; W.W. grade, $3.97.

Other Naval Stores

Pine Oil. — Quotations maintained. Tone firm. Business fairly active.

Pitch.—Increased inquiry for moderate lots on spot. Stocks light.

Rosin Oil.—Consumers purchasing for current requirements. Market steady.

Tar.—Steady movement on contracts. New business fairly active. Prices unchanged.

Dry Colors

Alkali Blue Toner.—In good call. Prices firm.

Bone Blacks.—Better than normal movement. Prices steady.

Carbon Blacks. — Heavy demand. Movement against contracts large. New business satisfactory. Prices firm and unchanged.

Carmine No. 40.—Good call. Prices firm.

Chrome Colors. — Demand showed no signs of tapering off. Prices were firm.

Fire Red Toner. — Normal movement. Tone stable.

Iron Oxides.—Heavy contract demand reported. Inquiries brisk. Prices firm and unchanged.

Lamp Blacks. — Consumers were buying in better than normal fashion. Shipments were heavy and regular. Prices were firm.

Mercuric Oxides.—Demand remained fair. Prices were steady.

Ochers. — Active call. Shipments heavy. Prices unchanged.

Siennas. — Trade continued to run ahead of last year, with movement last week holding to the high level of the preceding period. Prices were firm.

Umbers.—Buying interest good. Prices firm .

Vermilion.—Movement remained in small lots. Inquiries increased. Price was steady.

Lacquer Materials

Acetone.—Leading seller advanced spot prices 1c. to basis of 7c. per pound in tanks. Material added to priorities critical list. Demand steady.

Alcohol, Butyl.—Spot price for normal up 1c. making tanks 10c. per pound; no change in secondary. Offerings restricted to regular channels.

Alcohol, Diacetone.—Acetone free and technical spot raised 1c.; tanks 10½c. and 10c. per pound, respectively. Buying active.

Butyl Acetate.—One factor advanced normal spot price 1c. to level of 10c. per pound in tanks. No change in secondary. Steady inquiry.

Cellulose Acetate.—Prices remained unchanged and firm. Buying moderately active.

Dibutyl Phthalate.—Market position firm. Withdrawals steady from regular consuming channels.

Diethyl Phthalate.—Spot and contract business steady. Prices rule firm.

Ethyl Acetate.—Effective immediately spot prices raised ½c. per pound. The 85-90 percent, tanks, 7½c. and 95-98 percent, tanks, 7¾c. per pound.

Ethylene Dichloride.—Spot market advanced to following basis: drums, car lots, East of Rockies, .0742 per pound and West of Rockies, .0792 per pound. Active interest.

Ethyleneglycol. — Business brisk. Prices continued firm.

Isopropyl Acetate.—Spot prices advanced 1c., making tanks East of Rockies 7½c. per pound. Steady movement to major consuming channels.

Methyl Acetate.—Shipments moved steadily, and market position was firm.

Methylethyl Ketone. — Market in tight position. Inquiries and shipments heavy. Prices unchanged and firm.

Methyl Isobutyl Ketone.—Spot quotations ½c. higher. Drums, car lots delivered, 12c. per pound; less car lots, same basis, 12½c. per pound.

Tricresyl Phosphate.—A firm price tone prevailed. Shipments moved at a good pace against contracts.

Triphenyl Phosphate. — Demand moderately active. Prices remain the same, with tone firm.

Shellac

Demand for shellac continued very good, giving added strength to the spot position of that article and reflecting the firmness in which supplies were held in the Calcutta market. Danger of serious spot shortage has been relieved if reports concerning increases in available steamers at Calcutta prove correct. Space has been engaged well ahead and it is not too easy still to book space, but with steamers available, goods bought some time back should reach this market, possibly sooner than seemed likely at one time. Undertones continued firm locally.

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Varnish Gums

The market for natural gums continued stable last week. Demand was at a good level, and supplies were believed ample. Shipping conditions were not improved during the week. Prices were firm.

Synthetic Resins

The demand for ester gum was at previous levels last week. Ordering against contracts was better than normal and deliveries were in large volume. New business was fair. Prices were firm and unchanged.

Glues and Binders

Casein.—The domestic material was advanced ½c. per pound to 15½c for car lots of the 20-30 mesh. The 80-100 mesh was quoted at 16c. per pound. Argentine casein also was ½c. per pound higher at 14c. to 14¼c. for car lots of the 20-30 mesh. The imported 80-100 was listed at 14½c. to 14¾c.

Glues.—Demand continued to exceed production, with prices strictly nominal.

G.H. Lincks Moves To 155 John Street

George H. Lincks, importer and distributor of gums and waxes, this city, is in new offices located at 155 John street. Plans for an expansion of the business include facilities for handling a larger volume of business in natural gums and resins, natural and compounded waxes, and gum shellac and its substitutes. Stocks of compounded waxes calculated to fill all specific needs will be stocked.

Paint Freight Rates To South Revision Asked

—Continued from page 5

There will be a slight delay in publication, to afford connecting and competing carriers an opportunity to consider joining in the establishment of this basis for their account, and notify the publishing agent of their conclusions.

The question of broadening the origin territory to embrace all of the paint producing centers in the East was discussed with a committee of traffic officers of Eastern railroads at a meeting in Chicago May 6.

N.Y. Paint Club Elects Leo Roon President

Leo Roon, of the Roxalin Flexible Lacquer Company, Elizabeth, N. J., was elected president of the New York Paint, Varnish and Lacquer Association at the annual meeting May 9 in the Hotel Biltmore.

He succeeds C. Francis Beatty, of the Socony Paint Products Company, this city, who was named vice-president. Louis Gillespie, of the Gillespie-Rogers-Pyatt Company, and Hendrick E. Hendrickson, of S. Winterbourne & Co., were named secretary and treasurer, respectively.

DuPont Varnish Unit In Phila. Wrecked

Philadelphia, May 7, 1941

Two explosions followed by a fire today wrecked the varnish-making building at the plant here of E. I. duPont de Nemours & Co., Wilmington, Del. Three employees were injured, one seriously.

The blasts, termed "purely accidental" by police, occurred in a 100-gallon vat which contained ingredients used in making varnish. Flames shot several hundred feet into the air, but firemen confined the blaze to that building. The explosions shattered windows in a dozen other buildings at the plant, which is the company's paint and varnish making division.

Golden Gate Club Hears Request for Defense Study

The April meeting of the Golden Gate Paint and Varnish Production Club was attended by fifty-three members and guests. President Eastwood reported on a letter from Capt. R. R. Arnold requesting the cooperation of the technical committees of the federation on projects pertaining to national defense. The projects proposed for the club are:—

(1) Easily removable paint for airplanes. (2) Luminous and fluorescent paints. (3) Camouflage paints for industrial trucks and automobiles.

Dr. D. F. Ramey, of the Standard Oil Company, gave a talk on "Petroleum Thinners." He discussed the development of low anilin point thinners and explained a method of checking evaporation rate.

Cleve. Paint Club Slate Headed by N.W. Putman

The Cleveland Paint, Varnish and Lacquer Association will hold its annual meeting May 23. The following have been nominated for office:—President, N. W. Putman, of the Imperial Paper & Color Corporation; vice-president, E. J. Forth, of the Gibson-Homans Company; treasurer, A. A. Mazeika, of the Pittsburgh Plate Glass Co., and secretary, A. K. Thayer, of C. K. Williams & Co. For the executive committee.—W. T. Clark, of the Patterson Sargent Company; J. L. Caruth, of the National Lead Company, and C. M. Kolb.

National Oil Promotes Faux

George H. Faux, who has been in charge of the credit department for the past fourteen years, has been appointed assistant secretary of the National Oil Products Company, of Harrison, N. J. Under his new appointment, Mr. Faux will supervise the accounting and cost departments in addition to remaining in charge of the credit department.

Phila. Production Club Hears About Camouflage

The May meeting of the Philadelphia Paint and Varnish Production Club, attended by more than 100 members and guests, heard Capt. R. C. Kratz, of the Army Engineers Corps, discuss "Basic Camouflage Principles."

Capt. Kratz said that the military engineer has divided camouflage into four major divisions: Dispersion, dummies, concealment and confusion. He explained that dispersion means scattering the objects so that the minimum amount of damage will be done to a number of objects by one bomb or shell. In the use of dummies, the purpose is to attract the attention of the enemy to something of little value so that the valuable object will not be the objective of the attack. Concealment consists in the use of natural or artificial means to hide the object which is to be concealed. In concealment, paint is used to color strips of cloth which are used for garnishing nets of various mesh which are then placed over the object to be camouflaged to prevent observation from the air. In the use of confusion, an attempt is made to mislead the enemy by making an object look like something else or less visible.

J. A. Frederickson, of the Krebs Pigment & Color Corporation presented a paper on "Rutile Titanium Dioxide Pigments," who said that the rutile type of titanium dioxide represents the first material increase in the opacity of titanium dioxide in fifteen years. He explained that the rutile titanium dioxide is not made from the ore rutile because it is not practical or economical to do so. A number of charts and tables were shown comparing the physical properties of rutile and anatase titanium dioxide and a comparison of the properties of enamels made with different vehicles pigments with the two types of titanium dioxide.

Northwestern Production Club Elects Fleischer

Elry Fleischer, of the Frost Paint & Oil Corporation, was elected president of the Northwestern Paint and Varnish Production Club, at the April meeting. William Thompson, of the Stewart Paint Company, was named vice-president and W. F. Holen, of the W. H. Barber Company, was elected secretary-treasurer. The meeting was addressed by C. J. O'Connor, of Reichhold Chemicals, Inc., who described his recent trip to South America.

Penzoil Company is erecting a new paint shop at 3380 East Twenty-sixth street, Los Angeles, Calif.

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Cottonseed Oil Deals Curb Ordered by CEA

—*Continued from page* 5

is regulated under the commodity exchange act, and that prompt action could be expected in any case where an undue influx of public speculation was observed.

N.Y. Exchange Increases Margins to Curb Speculation

In line with present conditions, the board of managers of the New York Produce Exchange has approved the following resolutions which were unanimously adopted by the executive committee of the exchange at a meeting held May 7:

That on and after May 9, no credit shall be extended in any amount whatsoever to any person, firm, corporation or association, except that a maximum limit of $600 per contract or a total of $10,000 may be extended to any one person, firm, corporation or association on legitimate hedges;

That any credit heretofore extended to any person, firm, corporation or association in excess of $600 per contract or a total of $10,000 in case of legitimate hedger and in any amount to other than legitimate hedgers, be reduced in accordance with these resolutions not later than June 2, 1941.

That on and after May 9, the initial margin requirements on the execution of contracts in cottonseed oil, soybean oil and tallow other than legitimate hedging transaction shall not be less than the following:

> $500 for each contract where the selling price is 10c. per pound or under and $100 additional for each 2c. per pound or fraction thereof in excess of 10c. per pound;

That on or before June 2, 1941, initial margin requirements on all transactions executed prior to May 9, 1941, be adjusted to comply with the aforesaid requirements.

Pepper

That on and after May 9, no credit shall be extended in any amount whatsoever to any person, firm corporation or association except that a maximum limit of $300 per contract or a total of $10,000 may be extended to any one person, firm, corporation or association on legitimate hedges;

That any credit heretofore extended to any person, firm, corporation or association in excess of $300 per contract or a total of $10,000 in case of legitimate hedgers and in any amount to other than legitimate hedgers be reduced in accordance with these resolutions not later than June 2, 1941.

That on and after May 9, 1941, the initial margin requirements on the execution of contracts in black pepper other than legitimate hedging transactions shall be not less than the following:

> $300 for each contract where the selling price is 8c. per pound or under and $100 additional for each 2c. per pound or fraction thereof in excess of 8c. per pound;

That on or before June 2, initial margin requirements on all transactions executed prior to May 9, be adjusted to comply with the aforesaid requirements.

Martin to Handle Metal Inventory Rules

—*Continued from page* 3

of metals is a mild one and depends, for success, on the fullest cooperation from all concerned.

We believe that no amount of law, no amount of auditing or field inspection, no potential penalties can possibly take the place of industry-wide cooperation, freely and willingly given.

The only purpose of the inventory regulations is to make the metals affected available in quantities as large as possible for defense purposes.

To accumulate industrial inventories to a point higher than that necessary to meet required deliveries efficiently, is an act which, in the light of the shortages which exist, is definitely against the national interests. To keep inventories to reasonable levels is an act definitely helpful to national defense.

Between these alternatives—aiding defense or not aiding it—there can be no question as to which one industry will adopt. But this will take active rather than passive cooperation to make sure that the system works smoothly. This job is a big one, and one in which industry, through cooperation, can play a tremendously important role.

Sulphur production at the works of the Sulphur Quarries Ltd., Gaza, Palestine, amounted to 1,400 metric tons in 1940, compared with 800 tons in 1939.

St. Louis Club Paper To Deal with Defense

The St. Louis Paint and Varnish Production Club has voted to dispense with its previously scheduled technical paper for 1941 and devote its time to a defense problem. Major Linkswiler, who addressed the April meeting, has been made an honorary member of the club, while the technical committee will be working on the defense problem.

H. Johnson, of the Nuodex Products Company, talked on "Driers for Soft Oils." His paper covered only air drying materials of different combinations of oils and resins. Various combinations of driers were used and the non-suitable ones were eliminated. The most desirable combinations were itemized in his paper. His drier study covered modified phenolics, maleics, carbic resins, natural resins, and Pentalyn resins. The resins were made up into varnishes using straight soft oils and blends of each, and their dry was closely checked.

Sulphur Output Up 31 Percent in 1940

Production of crude sulphur in the United States in 1940 increased to 2,732,088 long tons, or 31 percent, compared with the output in 1939 of 2,090,979 tons, according to the Bureau of Mines, United States Department of the Interior. Record shipments of 2,588,742 long tons, valued at about $40,900,000 were made in 1940, compared with 2,233,817 tons, valued at about $35,500,000 in 1939. Stocks of sulphur at the mines rose from 4,000,000 long tons at the close of 1939 to 4,200,000 tons on December 31, 1940. Production of sulphur was reported from California, Louisiana, Texas, and Utah.

Imports of sulphur ore (all from Chile) in 1940 were 743 pounds valued at $5, while imports of sulphur in any form n.e.s. were 27,845 long tons valued at $473,052, according to the Bureau of Foreign and Domestic Commerce. Exports of crude sulphur in 1940 totaled 746,468 long tons, compared with 627,819 tons in 1939, an increase of 19 percent.

Pyrites Output Up

Domestic production of pyrites reached a new record in 1940, according to the Bureau of Mines, Department of the Interior. Output rose to 617,513 long tons, containing 41.7 percent sulphur, valued at approximately $1,892,000 in 1940. Of the 1940 total, 422,092 long tons were consumed by the producing companies and 196,015 tons were sold, compared with 323,027 tons and 188,712 tons, respectively, in 1939. Ninety-two percent of the output was classified as fines and the remainder lump, the bulk of the former being flotation concentrates.

Factory-Consumer Corp. Now in Larger Quarters

Buffalo, May 8, 1941

The Factory-Consumer Paint Corp. has moved to a new and larger location at 2128 Niagara street from its old plant at 2181 Elmwood avenue, it was announced by Harry Fleming, president of the company. Michael Grunzweig, who has had twenty years' experience in the paint and varnish industry, has been appointed production manager and will be secretary of the corporation.

Current Market Quotations

—*Continued from page* 27

Zinc oxide, French process, red seal, bgs., c.l., dlvd..lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08 -	—
ex whse., Pac. cst..lb.	.08 -	—
bbls., c.l., dlvd..lb.	.08 -	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼	—
ex whse., Pac. cst..lb.	.08¼-	—
white seal, bgs., c.l., dlvd. lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst..lb.	.09 -	—
bbls., c.l., dlvd..lb.	.09 -	—
bbls., c.l., dlvd., except Pac. cst..lb.	.09¼-	—
ex whse., Pac. cst..lb.	.09¼-	—
imported, guld seal, cks., ex whse..lb.	No prices	
green seal, bbls., ex whse. lb.	No prices	
white seal, cks., ex whse..lb.	No prices	
USP, l.c.l., 50-lb. ctns., 50-lb. dms..lb.	.10 -	—
Palmitate, bbls.....lb.	.24½-	.27½
Resinate, fused, pale, bbls..lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.22 -	—
l.c.l., 1 ton.....lb.	.23 -	—
1,000-2,000 lbs.....lb.	.24 -	—
less than 1,600 lbs..lb.	.25 -	—
USP, bbls.....lb.	.25 -	.27
Sulphate, cryst., bgs., c.l..... 100 lbs.	3.00 -	—
l.c.l. .....100 lbs.	3.75 -	—
bbls., c.l.....100 lbs.	3.15 -	—
l.c.l .....100 lbs.	3.90 -	—
flake, bgs., c.l.....100 lbs.	3.35 -	—
l.c.l. .....100 lbs.	4.10 -	—
bbls., c.l.....100 lbs.	3.50 -	—
l.c.l .....100 lbs.	4.25 -	—
powd., bgs., c.l.....100 lbs.	4.70 -	—
l.c.l. .....100 lbs.	5.45 -	—
bbls., c.l.....100 lbs.	4.85 -	—
l.c.l. .....100 lbs.	5.60 -	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.07¾-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.08 -	—
bbls., c.l., 20 bbls., c.l. (20 tons), dlvd..lb.	.08 -	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.08¼-	—
barium, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05¼-	—
calcium pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05½-	—
magnesium, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05¾-	—
Sulphocarbolate, NF, bbls., dms..lb.	.24 -	.29
Zinc-ammonia chloride, dms., c.l., woks..100 lbs.	5.15 -	—
l.c.l., works.....100 lbs	6.35 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex whse., Pac. cst..lb.	.05¾-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 70-75%, gr., bbls., works..ton	75.00 -	100.00
white, 98%, grd., kgs., works, lb.	1.80 -	2.00

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the May 5 issue; the next printing will be in the June 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials market which begins on page 49.

Export Managers Club of New York will hold a golf tournament at the Bonnie Briar Country Club, Larchmont, N. Y., May 21.

CHROME OXIDE
CHROME
TETRA HYDROXIDE
CHROME GREENS
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VITRO MFG. CO.
Pittsburgh, Pa.

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C. K. WILLIAMS & COMPANY
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Tag Manufacturers Cited by F.T.C.

—Continued from page 5

more favorable to the purchaser than the "general offer" for similar products.

That the respondent Baxter disseminate to all subscribing respondent members the information furnished under the two offers.

That each respondent subscribing member furnish the respondent Baxter with duplicates of every invoice or other shipping memorandum for products sold, and duplicates of all credit memoranda covering rebates.

That the respondent Baxter compile and disseminate to members such information in a manner not disclosing the identity of any one subscriber or the names of any purchasers.

That each subscribing respondent member submit to a "determination board" appointed by the respondent members all pertinent records in its possession and permit an examination of such information by the board to determine whether or not such subscribing member has complied with the Tag Industry Agreement rules concerning the furnishing of such information.

That the determination board announce its findings pursuant to such investigations; such findings to be accepted by the subscribing members any of whom are to be subject to fines, assessments and liquidated damages in case of breach of rules or regulations.

That each subscribing respondent member pay annually not less than $120 to the respondent Baxter as institute secretary for an "Operating Fund," and not less than $200 into a "revolving fund," to provide funds from which operating and investigating expenses and into which fines and assessments are to be paid.

Commercial Solvents Adds Ralph L. Ericsson to Staff

Commercial Solvents Corporation has added Ralph L. Ericsson to the staff of its trade relations division, Terre Haute, Ind. His activities in his new position will be chiefly concerned with advertising and sales promotion. Mr. Ericsson is a graduate of Carnegie Institute of Technology and was formerly employed in the technical service division of the Warner Chemical Company.

Terne Plate Packages Suggested by Trigg

In connection with the request of the Office of Production Management for manufacturers of tin cans to reduce coatings 10 percent, Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, has addressed the following letter to the paint industry:—

The situation with respect to metallic tin is under serious discussion and may ultimately become a serious matter, requiring very careful consideration of its usage for certain purposes. Immense food packs requiring tin must be given prior consideration to the use of tin for packages for certain other products. It is believed, therefore, that all manufacturers of paint products should at once consider the use of terne plate packages for all house paints, barn paints or other paints made on a linseed oil base.

For this purpose some manufacturers have already been using terne plate with highly satisfactory results for a period of over two years. In many instances the terne plate side walls are lithographed, but the ordinary labels may be employed. The tops of these containers are made with a bright tin ring and a tin friction lid. While there is a saving in the use of such packages over regular tin plate packages, the main object is to conserve the tin which is already in this country.

For packages which are to contain white synthetics, shellac, and certain other special products, no recommendation can be made by this association at this time. However, a complete study is being made by the scientific section of the possibilities of a similar movement in this direction.

It is understood that the prominent manufacturers of tin cans for the paint industry are in a position now to supply terne plate cans of the same dimensions, and that they are already doing a very substantial business in this direction.

Bids Wanted

—Continued from page 4

Naphthalene:—15,000 pounds; Contracting Officer, Quartermaster Depot, Atlanta, Ga.; invitation 1355-; 45, opening May 13.

Ocher, Yellow:—50,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Paint Pigment:—25,800 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 5113, opening May 23.

Petroleum Residue:—400 tons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6675, opening May 22.

Red, Indian:—100,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Toluidine:—2,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Venetian:—300,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Resin, Synthetic:—50,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6668, opening May 15.

Rosin:—355,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6678, opening May 22.

Rust Compound:—14,000 pounds; Navy Purchasing Office, New York; schedule 5805, opening May 14.

Scouring Compound:—50,700 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6736, opening May 22.

Silica, Pulverized:—120,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Silver Nitrate:—2,500 ounces for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6657, opening May 22.

1,000 ounces for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6657, opening May 22.

Soda Ash:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6705, opening May 22.

Caustic:—Supplies of: Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6751, opening May 22.

Sulphuric Acid:—Supplies of; Navy Purchasing Officer, Federal Building, New York; schedule 5651, opening May 14.

Sweeping Compound:—Supplies of: Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6721, opening May 22.

Turpentine:—10,500 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6678, opening May 22.

Tar, Pine:—3,690 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6678, opening May 22.

Ultramarine Blue:—38,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Umber, Burnt:—5,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6740, opening May 22.

Valve-Grinding Compound:—Supplies of; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6691, opening May 22.

Varnish, Insulating:—Supplies of: Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6698, opening May 22.

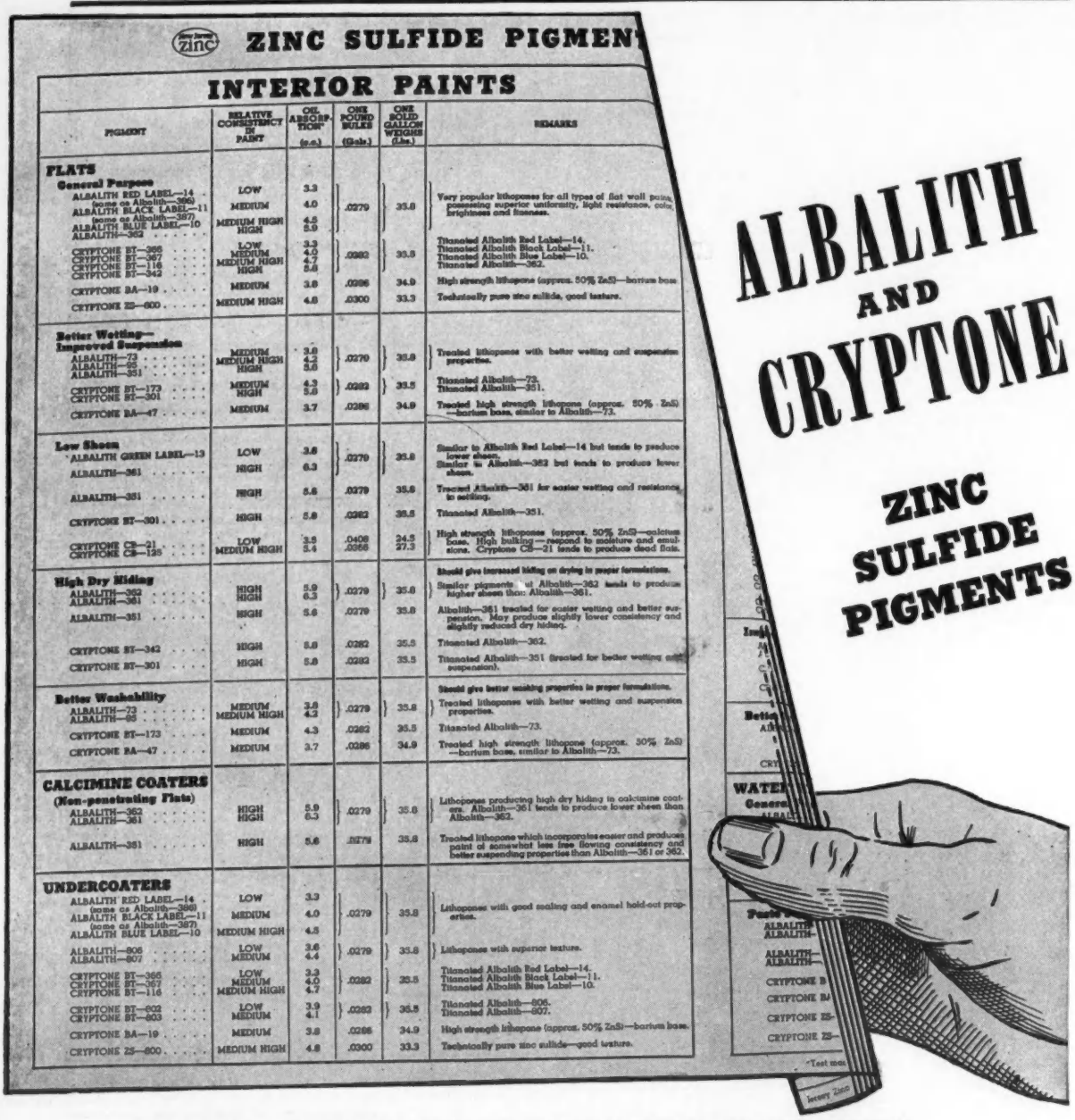
Oil:—500,000 pounds for Norfolk, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6684, opening May 13.

Whiting:—422,550 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6748, opening May 22.

Zinc Yellow:—50,000 pounds for Norfolk; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 6671, opening May 13.

Eagle-Picher Mining Gets $2,000,000 Working Capital

Eagle-Picher Mining & Smelting Company, a subsidiary of the Eagle-Picher Lead Company, Cincinnati, obtained a $2,000 000 additional working capital through a $4,000,000 serial bank loan with the unconditional guarantee of the parent company, according to a statement filed with the SEC. Remaining $2,000,000 borrowed was used to pay off a similar amount of bank notes already outstanding.



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160 FRONT ST., NEW YORK

Oil, Fats, and Waxes

Sharp Fluctuations in Refined Cottonseed Oil Futures — All Months Rise Above 10 Cents—Crude Scarce—Lard and Soybeans Up to New Highs—Linseed Oil Advanced

Quotations on miscellaneous oils, fats and greases continued in upward trend last week, further advances being recorded in many products. In some cases price increases were sharp, but they failed to bring out any increase in offerings. Supplies of many imported and domestic commodities were very light and in the case of products of foreign origin there appeared to be little prospect of any relief from the prevailing scarcity in view of the shortage of ocean freight room and the proposed pooling of tonnage in order to provide for government needs.

So far as actual transactions were concerned, business was rather quiet as a rule owing to the inadequate supplies, though inquiries were numerous in many cases. Cottonseed oil, lard and soybean futures advanced to new high levels for the season but reactions occurred later under liquidation of speculative accounts, apparently due mainly to what seemed to be, in the case of cottonseed oil at least, the possibility of official government action to check speculation for a rise. In this connection it is of interest to note that margin requirements on cottonseed oil, soybean oil and tallow futures were sharply increased last week.

Vegetable Oils

Castor, Dehydrated.—Stronger with raw material. Quotations up 1c. Demand active.

Chinawood.—Higher on shrinkage in stocks. Tankcar basis nominal at 29½c. Active inquiry. Sales drums at 31 to 31¼c. Imports at New York last week 620 tons from Hongkong; 2,400 drums from Rangoon.

Coconut.—Crude scarce and stronger on spot. Quoted nominally 6¾c. per pound, tankcars. Edible oil up 1c. Good inquiry. Copra quoted nominally 3¾c. per pound.

Corn.—Active inquiry. Offerings limited. Crude nominally ¼c. higher; refined ½c.

Cottonseed.—Edible up 1c. Good demand.

Oiticica.—Demand more active. Offerings light. Prices up 2½c.

Olive.—Stronger on further shrinkage in supplies. Denatured reported sold at $3.35 per gallon; edible $4.70 for imported, $4.20 to $4.25 domestic; foots 14¼c., drums.

Palm.—Nominal quotations ¼c. to ½c. higher. Offerings scarce.

Peanut.—Offerings light, crude and refined. Inquiries numerous. Nominal quotations ½c. higher.

Perilla.—Inquiry more active. Sales of tanks at 17¼c. per pound. Higher asked some quarters.

Rapeseed.—Active and stronger. Quotations up ⅛c. to ¼c.

Soybean.—Up ¼c. to ½c. with beans and competing oils. Demand active.

There was no trading in soybean oil futures on the New York Produce Exchange, from May 3 to May 9, inclusive. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
July	...	...	9.10 bid
October	...	...	8.75 bid

Markets at Other Centers

Chicago, May 9.—Vegetable oils quiter.

COCONUT.—Refined, edible, 10¾c. to 11c. per pound, drums, car lots; 11¼c. to 11½c., drums, less car lots.

CORN.—Crude, mills, 9¼c. per pound. Refined, edible oil, 11c. to 11¼c. per pound, drums, car lots; 11½c. to 11¾c., drums, less car lots.

SOYBEAN.—Crude, May-forward, 8½c. per pound.

The market for soybeans on the Chicago Board of Trade was active. Prices advanced to new highs. Following is a soybean price record, per bushel, for the week:—

			Closing	
	High.	Low.	May 9.	May 2.
Cash, No. 2.	$1.29	$1.23½	$1.29	$1.21¼
July	1.28⅞	1.18⅞	1.28⅝	1.18⅞
October	1.21¼	1.08½	1.21½	1.08½

San Francisco, May 7.—Vegetable oils active. Trend upward. Many products scarce and nominal. Coconut, crude, 6⅛c. to 6¼c. per pound, tankcars. Copra, 3.60c. to 3.75c. Chinawood, 31c. per pound, tankcars, for free oil; syndicate quoted 29¼c. Oiticica, 18c., drums, for solid; 19c. liquid, subject steamer space from South America. Babassu, 9c., tankcars. Cottonseed, crude, 9¾c., tankcars.

Linseed Oil

Cash flaxseed ruled firm. Linseed oil and meal more active and higher.

Flaxseed — DULUTH, May 9. — Good cash demand for flaxseed. Seeding operations are in rapid progress in the Northwestern states and in Northern Iowa, and the weather and ground conditions are said to be ideal.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.90½	$1.84½
Monday	1.91½	1.83½
Tuesday	1.94⅜	1.86¾
Wednesday	1.94¾	1.86½
Thursday	1.91	1.83
Friday	1.92½	1.85½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1941.	1940.	1941.	1940.
This week	56,110	50,160	194,527	51,775
Since Aug. 1.	10,848,958	4,501,758	8,498,514	4,015,991

MINNEAPOLIS, May 9.—Demand for flaxseed good through the week. Prices firm compared futures. Offers moderate. Farmers busy in fields trying to make up lost time. Moderate to light receipts expected for next week or so.

Deliveries on May contracts greater than expected. None of the seed has been moved out of position as yet. Farmers will have some flax left after seeding. Demand for seed flax strong from Northern territory but in Southern territory most farmers conserved seed supplies.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.90½	$1.82½	$1.85
Monday	1.91½	1.83½	1.85½
Tuesday	1.94⅜	1.86¾	1.88¾
Wednesday	1.94¾	1.86½	1.88¾
Thursday	1.91	1.83	1.85
Friday	1.92½	1.85½	1.85½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1941.	1940.	1941.	1940.
This week	116,200	56,000	32,200	47,600
Since Sept. 1.	10,335,200	3,831,600	1,748,600	2,087,730

WINNIPEG, May 9.—The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$1.51½	$1.51½	$1.53
Monday	1.57	1.57	1.59½
Tuesday	1.59	1.59	1.61
Wednesday	1.60¼	1.60¼	1.62
Thursday	1.56⅜	1.56⅜	1.57½
Friday	1.56½	1.56½	1.58⅝

BUENOS AIRES, May 9.—Flaxseed, June, 70¼c. per bushel. Exports this week 1,012,000 bushels, including 831,000 to the United States. Total since January 1, as follows:—

To—	Bushels	
	This year.	Last year.
United States	5,047,000	7,576,000
United Kingdom	818,000	5,053,000
Continent	327,000	9,499,000
Orders	.....	598,000
Others	399,000	154,000
Totals	6,591,000	22,880,000

Visible Supply

	Bushels.
Last week	7,087,000
Previous week	6,693,000
Last year	5,906,000

Linseed Oil.—The market here was stronger, quotations being advanced two points by crushers to 10.2c. to 10.4c. per pound in tankcars. The Buenos Aires seed market remained firm with freight room scarce and rates still extremely high, and the trend of cash seed in domestic markets was upward at times. There were reports of some increase in the volume of inquiries for

Price Changes

Advanced

Candelilla wax, ½c. per lb.
Carnauba wax, No. 3 chalky, 2c. per lb.
No. 2 North Country, 2c. per lb.
No. 3 North Country, 2c. per lb.
No. 1 yellow, 1c. per lb.
No. 2 yellow, 1c. per lb.
refined, 1½c. per lb.
Castor oil, dehydrated. 1c. per lb.
Chinawood oil, 1c. per lb.
Coconut oil, crude, ¼c. per lb.
edible, 1c. per lb.
Copra, ⅜c. per lb.
Corn oil, crude, ¼c. per lb.
refined, ½c. per lb.
Cottonseed oil, crude, ¾c. per lb.
edible, 1c. per lb.
Lard, 60c. to 75c. per 100 lbs.
compound. 50c. per 100 lbs.
Linseed meal, $1 per ton.
Linseed oil, 2-10c. per lb.
Oiticica oil, 2½c. per lb.
Olive oil, denatured, 5c. per gal.
edible, imported, 10c. per gal.
foots, ½c. per lb.
Ouricury wax, crude, 3c. per lb.
refined, 2c. per lb.
Palm oil, ¼c. per lb.
Peanut oil, ½c. per lb.
Perilla oil, ¼c. per lb.
Rapeseed oil, ⅛c. to ¼c. per lb.
Sesame oil, crude, ¼c. per lb.
Soybean oil, crude, ½c. per lb.
refined, ¾c. per lb.
Stearin, ¼c. per lb.
Tallow, ⅛c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.6	146.4	142.6	103.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Amer. Oil Chemists Soc., May 15-16, New Orleans.
Natl. Cottonseed Products Assn., May 19-21, New Orleans.

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)

RUBY OLEINE BRAND (*distilled*)
STAR BRAND
(*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)

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PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
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District Representatives
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Codes: Yopps, Robinsons, Bentleys A B C, 5th Edition Peerless

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OLEIC ACID (Red Oil)
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ASHLAND 4-8251 — CABLE: GROSSRAY

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STEARIC and OLEIC ACIDS
All Grades Saponified and Distilled
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SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
New York — CINCINNATI, OHIO — Lowell, Mass.
Stocks in all Principal Cities

oil, though transactions were apparently limited as a rule to comparatively small or moderate quantities. The movement of oil on contracts continued heavy here and at other milling centers. Weather and crop news from the Northwest was favorable. Flaxseed receipts at New York last week, 450,372 bushels.

MINNEAPOLIS, May 9.—Linseed oil shipping instructions very good. Out movement heavy. Mills running at top speed without accumulating reserve supplies.

Quotations, tankcar, 9.8c. per pound; cooperage, car lots, 10.5c.; warehouse lots, 10.9c.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week	5,050,000	2,880,000
Since Sept. 1	130,400,000	106,600,000

SAN FRANCISCO, May 7.—Linseed oil contract movement heavy. New business fair. Harvesting in Imperial Valley making good progress. Tankcars, 9.5c.; drum car lots, ex-mill, 10.2c.; drum lots, ex-warehouse, 10.6c.

Cake and Meal.—Meal more active at advance of $1 per ton. Cake nominal.

MINNEAPOLIS, May 9.—Meal trade slow. Fine pasturage.

Carload lots, f.o.b. Minneapolis, 100-pound sacks, $27 to $28 per ton.

YOUR INQUIRIES SOLICITED FOR THESE MATERIALS

FATTY ACIDS
(ANIMAL AND VEGETABLE ORIGIN)

STEARIC ACID

RED OIL
(OLEIC ACID)

WILSON & CO. INC.
WILSON-MARTIN DIV.
SNYDER AND SWANSON ST.
PHILADELPHIA, PA.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week	4,240,000	3,680,000
Since Sept. 1	281,221,000	152,400,000

Cottonseed Oil

Refined cottonseed oil futures advanced sharply, then reacted. Crude scarce and firm in southern markets. Other products steady.

Cottonseed Oil.—Frequent sharp fluctuations occurred in refined oil futures here last week, the general trend being upward for a time with a setback later. Prevailing sentiment still appeared to be bullish owing to what was regarded as prospects of a considerable increase in consumption this season as a result of the shortage of imported competing vegetable oils but speculative operations for a rise were checked by a report from Washington that the government was opposed to undue speculation in cottonseed oil and suggesting that measures be taken, including an increase in margins, to bring about this result. Under general selling on this report September oil dropped on Thursday to 10c. which compared with 10:30c. at the close on the previous day and with a high of 10.47c.

In line with the suggested action to curtail speculation the New York Produce Exchange announced on Thursday that effective May 9 the initial margin requirements shall not be less than $500 for each contract where the selling price is 10 cents per pound or under, and $100 additional margin for each 2c. per pound or fraction thereof in excess of 10 cents per pound. It was also decided that on or before June 2 initial margin requirements on all transactions executed prior to May 9 be adjusted to comply with the aforesaid requirements. The new margin ruling applies to all soybean oil and tallow contracts as well as cottonseed oil, other than legitimate hedging transactions. It was also announced that after May 9 no credit shall be extended in any amount whatsoever to any person, firm, corporation or association except that a maximum limit of $600 per contract or a total of $10,000 may be extended on legitimate hedges.

All months at one time earlier in the week rose well above the 10 cent level and established new highs for the season. Commission houses and trade interests as well as local operators bought freely for a time but turned sellers later on. The course of lard and soybean futures was similar to that of cottonseed oil, prices rising sharply and then receding.

Crude cottonseed oil was firm in all parts of the South with offerings rather scarce. Sales of crude were reported in all sections at 9c. to 9¼c. per pound. Coconut and soybean oils as well as various other vegetable oils continued to move upward. Shortening was sharply higher. Cash refined cottonseed oil was active and higher. Predictions were heard that the forthcoming cottonseed report from the Census Bureau would make a bullish showing on oil consumption. Stocks of lard in Chicago decreased 7,596,495 pounds during April as compared with an increase of 9,315,287 pounds in the same month last year. The weight of the hogs received in Chicago during the week ended May 2 averaged 246 pounds against 251 pounds in the previous week. The weekly government weather and cotton crop report was less favorable than had been expected.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from May 3 to May 9, inclusive, comprised 2,985 contracts. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
May	10.20	10.20	10.30 bid
July	10.50	9.50	10.50 sale
September	10.48	9.63	10.43 sale
October	10.49	9.65	10.43 sale
December	10.30	9.72	10.48@10.49

Crude, Southeast, .09¼c. Nom.

Chicago, May 9.—Cottonseed oil quieter. Refined, edible oil is 10¾c. to 11c. per pound, drums, car lots; and 11¼c. to 11½c., drums, less than car lots.

Cake and Meal.—Fair demand noted for meal. Offerings generally light. Tone steady.

Markets at Other Centers

Atlanta, May 7.—Prime crude cottonseed oil quoted 9¼c. per pound, nominal. Meal, 8 percent, $26 per ton. Dry weather retarding planting.

Memphis, May 8.—Crude cottonseed oil sold at 9¼c. per pound, Valley basis. Most mills sold out. Meal, 41 percent, $25 per ton, Memphis. Bulk Valley cake, $22 per ton. Bulk hulls, $5 per ton. Census report for April expected to show close to 400,000 barrels of refined oil consumed. Good crude demand shows cooking oil consumption is large. Crude oil now comparatively higher than New York refined. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	May 1.	May 8.
May	$23.50@23.75	$24.00@—
July	23.65@24.00	25.00@25.25
September	23.85@24.15	25.50@—
October	24.25@24.50	25.85@26.10
December	24.40@24.65	25.95@26.15

Closing soybean meal futures:—

May	$22.25@22.70	$23.00@24.00
July	22.15@22.60	23.25@23.50
October	22.25@—	23.10@23.25
December	22.15@22.25	23.00@—

Fatty Acids

Capric Acid.—Steady contract movement to local and other consumers. Prices maintained.

Castor Oil.—Quotations unchanged but market firmer. Demand good.

Coconut Oil.—Demand active. Raw material higher. Acid firm.

Cottonseed Oil.—Production moving steadily on contracts and transient orders.

Red Oil.—Firm with basic material. Consumption reported on increase.

Soybean Oil.—Prices firm but not quotably changed. Demand good.

Stearic Acid.—Basic material stronger. Acid prices firm. Active demand.

Chicago—May 9

Fatty acids and related products are strong. Corn oil, double distilled, 10½c. to 10¾c. per pound, tanks; 11c. to 11¼c., drums, car lots; coconut oil, acidulated, 12½c. to 12¾c. per pound, tankcar, nominal; 13c. to 13¼c., drums, car lots; cottonseed oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., drums, car lots; settled cottonseed soap stock, 60-62 percent basis, 3¼c. to 3½c.; boiled down soap stock, 65 percent basis, 4¼c. to 4½c.; cottonseed foots, 50 percent basis, 2⅜c. to 2½c.

Fish Oils

Cod.—Offerings scarce. Quiet and nominal here.

Sardine.—Fair inquiry for small or moderate lots. Stocks light. Market firm.

Whale.—Refined quotations firm. Demand fair.

Markets at Other Centers

Baltimore, May 7.—Crude menhaden oil quiet. Florida fishing continues poor. New crop oil on a when-and-if-made basis quoted around 50c. per gallon.

San Francisco, May 7.—Number of tankcars new crop crude menhaden oil sold on if-and-when made basis at 55c. per gallon. Producers not anxious to sell even at this high price. Monterey still out of market in absence of labor settlement.

Fats and Greases

Grease.—Increased demand. Sales of house at 6⅞c. to 7c. Offerings limited.

CHICAGO, May 9. — Choice white grease, 7⅛c. to 7⅜c. per pound; yellow, 6½c. to 6¾c.

Lard.—Local cash trade increased. Further liberal purchases reported by government.

CHICAGO, May 9.—Following is a lard price record, per 100 lbs., for the week:—

	High.	Low.	Closing— May 9.	May 2.
Cash	$9.42	$9.00	$9.42	$8.72
July	9.62	9.02	9.60	8.92
October	9.90	9.30	9.85	9.22

Stearin.—Quotations advanced ¼c. to ½c. Offerings light. Fair demand.

CHICAGO, May 9.—Prime oleo stearin, 8½c. to 8¾c. per pound.

Tallow.—More active and stronger. Extra sold at 7½c. per pound. Offerings light.

CHICAGO, May 9. — Inedible tallow, prime, 7⅜c. to 7½c. per pound; special, 7c. to 7¼c. per pound.

Trading in tallow futures on the New York Produce Exchange from May 3 to May 9, inclusive, consisted of one contract. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
June	7.50	7.50	7.65@7.90
July	...	...	7.70@8.10

Animal Oils

Degras.—Common and neutral more active. Tone firm.

Lard.—All grades in fair demand. Market firm.

CHICAGO, May 9.—No. 1 lard oil, 10c. to 10¼c. per pound.

Oleo.—Quotations maintained. Spot stocks light. Fairly active.

CHICAGO, May 9. — Extra oleo oil, 10½c. to 11c. per pound.

Tallow.—Prices unchanged. Market firm. Fair demand.

CHICAGO, May 9.—Acidless tallow oil, 10¼c. to 10½c. per pound.

CHICAGO, May 9.—Acidless tallow oil, 10¼c. to 10½c. per pound.

Waxes

Bees.—Crude showing fair strength. Refined yellow and white bleached waxes firm. Demand excellent. Competition inconsiderable.

Candelilla.—Very firm at 21½c. per pound minimum. In excellent demand because of high cost and general situation in carnauba.

Carnauba.—Prices virtually anything a dealer may ask in response to inquiries. The situation.

Carnauba.—Situation clouded and indistinct. No clearly defined price position. Dealers agree on one point: Quotations are unfirm, subject to confirmation, and likely to change between receipt of telephonic or telegraphic inquiries. On nominal basis, market was:—No. 3 chalky, 58c. to 60c. per pound. No. 2 North Country, 66c. to 67c.; No. 3 North Country, 62c. to 62½c.; refined, 66c. to 67c.; No. 1 yellow, 69c. to 70c.; No. 2 yellow, 68c. to 69c. Demand running high here. Brazil reports heavy selling to England.

Japan.—Firm to firmer.

Ouricury.—Up sharply. Moved in sympathy with carnauba. Crude, 45c. to 46c. per pound; double refined, 50c. to 51c.; single refined, 48c. to 49c.

Chemical Salesmen to Hear Dr. E.H. Killheffer May 13

The Salesmen's Association of the American Chemical Industry will hear Dr. E. H. Killheffer, vice-president of E. I. duPont de Nemours & Co., at a luncheon in the Chemists' Club, this city, May 13. Initial golf tournament will be held June 10 at Bonnie Briar, Larchmont, N. Y.

S.M.A. Buy More Lard

The Surplus Marketing Administration announced today the purchase of 24,625,055 pounds of lard and 41,379,796 pounds of pork products. Today's purchases bring the total amount of lard bought under the current program to 93,390,655 pounds, while pork purchases during the same period total 87,844,180 pounds.

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A FREE-FLOWING STEARIC ACID IN BEAD FORM

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Measures, Weighs, Mixes and Melts Quickly

Also
Slab Stearic Acid
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WARRANTED PURE BEES WAX

Oils and Fats Statistics: First Quarter

Production of vegetable, animal and fish oils and fats during the quarter ended March 31, 1941, was 3,946,120,000 pounds, according to Bureau of Census. Of this total, vegetable oils totaled 3,192,217,000 pounds; fish oils, 15,846,000 pounds; animal fats, 617,500,000 pounds; greases, 120,557,000 pounds, and other products, 922,831,000 pounds.

The following tables show the domestic production and consumption of the principal technical and edible oils and fats during the first quarter and the factory and warehouse stocks at the close of the period:—

Vegetable Oils

Kind.	Pounds—Factory operations for the quarter ending Mar. 31, 1941. Production.	Consumption.	Factory and warehouse stocks, Mar. 31, 1941.
Babassu, crude	15,788,000	13,484,000	11,845,000
Babassu, refined	5,249,000	4,591,000	693,000
Castor	31,141,000	18,356,000	18,907,000
Chinawood	978,000	14,245,000	43,182,000
Coconut, crude	450,009,000	475,753,000	167,195,000
Coconut, refined	448,802,000	357,747,000	505,219,000
Corn, crude	43,301,000	42,143,000	10,549,000
Corn, refined	38,153,000	17,198,000	11,224,000
Cottonseed, crude	450,009,000	475,753,000	167,195,000
Cottonseed, refined	448,802,000	350,747,000	505,219,000
Linseed	196,281,000	106,787,000	192,850,000
Olive, edible	8,246,000	792,000	9,395,000
Olive, inedible	.....	973,000	2,117,000
Palm, crude	.....	59,108,000	143,788,000
Palm, refined	13,253,000	15,515,000	5,307,000
Palmkernel, crude	..†....	2,518,000	2,988,000
Palmkernel, refined	2,143,000	1,678,000	1,548,000
Peanut, virgin and crude*	69,125,000	60,332,000	21,704,000
Peanut, refined	57,850,000	25,383,000	48,513,000
Perilla	.....	2,055,000	6,403,000
Rapeseed	.....	2,071,000	5,924,000
Sesame	.....	103,000	904,000
Soybean, crude	151,705,000	132,564,000	59,133,000
Soybean, refined	114,219,000	107,263,000	29,139,000
Sulphur oil or olive foots	.....	4,334,000	17,264,000
All other	6,178,000	4,483,000	9,706,000
Fish Oils‡			
Cod and codliver	493,000	5,227,000	12,853,000
Marine animal oils	.....	4,402,000	45,428,000
Other fish oils	§15,353,000	35,913,000	98,942,000
Animal Fats			
Lard, neutral	377,440,000	5,639,000	312,422,000
Lard, other edible	36,684,000	9,870,000	11,980,000
Neatsfoot oil	852,000	1,596,000	1,549,000
Tallow, edible	19,337,000	12,267,000	6,079,000
Tallow, inedible	183,187,000	262,080,000	291,866,000
Greases			
Bone	7,238,000	357,000	1,700,000
Brown	20,941,000	15,905,000	14,132,000
Garbage and other	7,141,000	7,480,000	9,443,000
House	9,541,000	4,501,000	3,793,000
Tankage	11,133,000	1,415,000	3,473,000
White	30,501,000	30,433,000	41,827,000
Wool	3,380,000	2,141,000	7,149,000
Yellow	30,682,000	42,677,000	48,884,000
Other Products			
Acidulated soap stock	13,812,000	14,668,000	26,856,000
Cottonseed foots, 50 percent basis	44,332,000	37,554,000	23,217,000
Cottonseed foots, distilled	7,746,000	5,660,000	2,197,000
Fatty acids	38,375,000	24,458,000	10,131,000
Fatty acids, distilled	10,986,000	6,592,000	6,531,000
Glycerin, chemically pure	24,259,000	9,810,000	28,264,000
Glycerin, crude, 80 percent basis	56,041,000	57,989,000	21,331,000
Glycerin, dynamite	20,179,000	12,892,000	27,398,000
Hydrogenated oils	228,350,000	230,585,000	26,503,000
Lard oil	9,986,000	4,395,000	3,208,000
Miscellaneous soap stock	335,000	435,000	1,321,000
Oleo oil	19,345,000	4,911,000	4,959,000
Red oil	15,610,000	11,311,000	6,331,000
Shortening	355,498,000	475,000	46,417,000
Stearic acid	12,359,000	4,658,000	4,996,000
Stearin, animal, edible	10,274,000	6,189,000	5,675,000
Stearin, animal, inedible	8,697,000	3,492,000	5,479,000
Stearin, vegetable	20,416,000	19,964,000	8,305,000
Tallow oil	1,982,000	1,445,000	1,467,000
Other vegetable oil foots, 50 percent basis	23,834,000	14,858,000	3,543,000
Other vegetable oil foots, distilled	215,000	16,000	141,000

Raw Materials Used

	1941. Tons.
Babasso nuts	12,295
Castor beans	34,046
Copra	69,423
Corn germs	62,479
Cottonseed	1,391,585
Flaxseed	286,377
Olives	27,642
Other kinds	7,470
Peanuts	*.....
Soybeans	525,141
Tung nuts	3,244

Oil Seeds Imported

	Tons.
Castor beans	53,187
Copra	70,764
Flaxseed	111,720
Sesame seed	1,235
Babassu nuts and kernels	11,100
Palm nuts and kernels	5,675
Other oil seeds	1,084

Fats and Oils Imported

	Pounds.
Animal oils and fats, edible	1,040,705
Chinawood	5,049,576
Coconut oil	80,194,784
Codliver oil	3,945,810
Cod oil	919,150
Carnauba wax	6,256,297
Corn oil	579,354
Cottonseed oil, crude	.....
Cottonseed oil, refined	.....
Fatty acids, vegetable	241,232
Glycerin, crude	2,298,363
Glycerin, refined	1,110,930
Linseed oil	14,816
Oiticica oil	1,612,521
Oleic acid or red oil	.....
Olive oil, edible	3,616,044
Olive oil, other inedible	406,664
Olive oil, sulphured	910,387
Other fish oil	1,460,670
Other vegetable oils	1,093,363
Other vegetable wax	3,226,780
Palm oil	71,742,746
Palmkernel oil	.....
Peanut oil	243,869
Perilla oil	1,237,475
Rapeseed (colza) oil	2,295,585
Soybean oil	254,848

Oils and Fats Imported (Continued)

	Pounds.
Stearic acid	46,024
Sunflower seed oil	2,967
Tallow, inedible	361,600
Teaseed oil	373,483
Vegetable tallow	433
Whale oil	99,323
Wool grease	224,708

Exports of Domestic Oils

	1941.
Coconut oil, crude	28,868,388
Coconut oil, refined	4,518,808
Cooking fats	1,120,107
Cottonseed oil, crude	2,149,166
Cottonseed oil, refined	3,524,599
Corn oil	113,690
Fish oil	540,044
Glycerin	3,375,955
Grease, stearin	258,254
Lard	52,824,918
Linseed oil	1,347,326
Neatsfoot oil	92,271
Oleo oil	237,654
Oleostearin	305,139
Oleo stock	902,887
Other animal grease, fats	597,078
Other animal oils, inedible	233,442
Other edible vegetable oil-fats	2,410,428
Other expressed oils and fats, inedible	2,127,180
Peanut oil	3,222,793
Red oil	261,795
Soybean oil	4,540,541
Stearic acid	1,929,480
Tallow, edible	80,354
Tallow, inedible	1,342,126
Vegetable soap stocks	3,310,229

Exports of Foreign Fats, Oils¶

	Pounds. 1941.
Coconut oil	398,909
Fish oil	21,381
Olive oil, edible	444,778
Other animal oils and fats, inedible	11,023
Other expressed oils and fats	3,480,467
Palm and palm kernel oil	3,165,915
Peanut oil	2,573,406
Perilla oil	396,664
Tung oil	848,001
Vegetable tallow and wax	661,231

* Agricultural Marketing Service collected the data from peanut oil producers.

† Included in "All other" vegetable oils.

‡ Fish and Wildlife Service collected the data from fish oil producers and includes consumption of certain vegetable oils by fish canners.

§ Includes 13,234,000 pounds of herring and sardine, and 930,000 pounds of menhaden for 1941; and corresponding figures for 1940 of 13,622,000 and 2,225,000.

¶ Includes some oils "withdrawn from bonded warehouse for export" which were not included in "imports for consumption."

Du Pont Co. Upheld In N.L.R.B. Case

The Supreme Court of the United States today denied the National Labor Relations Board a review of a lower court ruling which set aside a cease and desist order against E. I. du Pont de Nemours & Co. and the Association of Chemical Employees, an independent organization of du Pont employees.

An original union held to be dominated by the company was reorganized three times. On the second occasion the company posted a notice, as directed by the Labor Board, that it would not recognize the organization. Left free to choose, the employees organized a third independent union, and, when the board again ordered the company to require suspension of it, the company appealed to the court below, which held that the third independent union was created without company influence.

A. Q. Petersen, of the Wesson Oil & Snowdrift Co., cottonseed products, New Orleans, has applied for membership in the New York Produce Exchange.

Margarin Production Increased in March

Production of margarin in March totaled 33,879,998 pounds. This compared with 28,102,717 pounds in the previous month and 26,661,149 pounds in March last year, according to statistics compiled by the Bureau of Internal Revenue, Washington. A comparison of March production with that of the previous year follows:—

	Pounds—1941.	1940.
Production of uncolored oleomargarin	*33,588,531	†26,523,191
Withdrawn tax-paid	34,288,031	26,800,262

Ingredients used in the production of colored and uncolored margarin in March, 1941, compared with March, 1940, as follows:—

In Uncolored Margarin

	Pounds—1941.	1940.
Babassu oil	66,280	525,197
Butter	.....	60
Coconut oil	1,308,270	2,421,474
Corn oil	39,352	86,219
Cottonseed oil	13,120,097	9,013,808
Derivative of glycerin	85,068	62,607
Lecithin	15,655	7,554
Milk	6,359,036	5,045,721
Monostearin	15,081	.....
Neutral lard	893,661	297,738
Oleo oil	1,533,341	1,302,816
Oleo stearin	281,314	242,077
Oleo stock	130,010	94,095
Palm oil	.....	1,050
Peanut oil	164,876	146,144
Salt	1,176,750	1,076,929
Soda benzoate	14,710	10,100
Soybean oil	9,395,443	7,125,375
Vegetable gum	.....	1,179
Vitamin concentrate	1,586	1,287
Totals	34,601,530	27,461,430
Production of colored oleomargarin	291,467	137,958
Withdrawn tax-paid	40,397	29,269

In Colored Margarin

	Pounds—1941.	1940.
Babassu oil	.....	498
Butter flavor	1	.....
Coconut oil	115,498	42,930
Color	247	110
Corn oil	34	69
Cottonseed oil	21,420	7,495
Cottonseed stearin	1,230	270
Derivative of glycerin	215	282
Lecithin	57	54
Milk	54,692	28,619
Monostearin	273	.....
Neutral lard	5,164	2,965
Oleo oil	27,264	14,396
Oleo stearin	635	400
Oleo stock	3,290	1,810
Palm oil	750	.....
Peanut oil	243	11
Salt	10,887	6,692
Soda benzoate	81	40
Soybean oil	59,667	43,804
Vitamin concentrate	2	2
Totals	301,580	150,440

* Of the amount produced, 32,317 pounds were reworked.

† Of the amount produced, 16,706 pounds were reworked.

Note.—The figures for March, 1941, are subject to revision until published in the Commissioner's annual report.

D. J. Guillory, cottonseed products broker, Memphis, has made application for membership in the New York Produce Exchange.

B. F. Goodrich Company, Akron, Ohio, has just issued a six-page information bulletin on the "Manufacture of Rubber Printing Plates." Copies of the bulletin now available upon request to the company by mentioning the REPORTER.

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LITHOGRAPHED METAL CONTAINERS

Does your container command attention or is it just another of the many that is merely a package for your product? Heekin Lithographed Metal Containers are prominently displayed on the shelves and counters of the nation's stores. Beautifully lithographed without loss of color or detail and designed to command attention, they stand out strongly when grouped with those of your competitor.

Don't depend upon your product, sales organization and the dealer to do the job your container should do . . . make your container say quality . . . make it outstanding . . . then, it, too, will do a real selling job.

If you have a packaging problem, let us solve it.

THE HEEKIN CAN CO., Cincinnati, Ohio

Lecithin Marketing Plan Hit by F.T.C.

—Continued from page 3

the other respondents in the case from contractual obligations with the American companies.

Commission findings are that the Glidden Company, Ross & Rowe, Inc., the Archer-Daniels-Midland Company, American Lecithin Corporation, and the two foreign companies, together with certain of their officers, on December 5, 1934, entered into an agreement providing, among other things, for formation of a new corporation, American Lecithin Company, an Ohio corporation, to which various patents held by them should be assigned and to which the lecithin-producing respondents would sell their output. Control and management of the new corporation was to be vested in the organizers, each agreeing to refrain from contesting patents transferred to the new corporation or subsequently obtained by it. The foreign corporations were not to export lecithin to the United States or Canada and the United States parties were not to export abroad. The respondents carried out the provisions of their agreement.

The Amercian Lecithin Company and the other respondents, through it, have attempted to further monopolize trade in lecithin by disparaging competitors' products, by using patents in bad faith to induce purchasers to buy the respondents' lecithin, by misrepresenting labeling requirements of the United States government and by other means.

The commission order is directed against American Lecithin Company and Joseph Eichberg, Armand May, Whitney H. Eastman, Clifton M. Kolb, Richard H. Horsburgh, and Adrian D. Joyce, its officers; Ross & Rowe, Inc., The Glidden Co., Archer-Daniels-Midland Company and Shreve Archer, its president; and American Lecithin Corporation, a Delaware corporation. Individually or in combination, they are ordered to cease and desist from:—

1. Using unlawfully any patent or patents which may be held by them or any of them concerning the use, production or processing of lecithin to divert trade in lecithin to themselves or away from competitors;

2. Threatening to sue purchasers or prospective purchasers of competitors' lecithin for infringement of patents held by the American Lecithin Company, or any of them, but not in good faith, to enforce any patent rights which they may have, for the purpose of compelling or inducing such purchasers or prospective purchasers not to purchase lecithin from competitors;

3. Threatening to sue agents, jobbers or sellers or other distributors of competitors' lecithin for contributory infringement of any patents held by the American Lecithin Company, or any of them, not in good faith, to enforce any patent rights which they may have;

4. Representing that lecithin sold by the American Lecithin Company or by Ross & Rowe, Inc., or by any of the other respondents, is recommended for use by the Food and Drug Division of the United States Department of Agriculture, or any other branch of the Federal or State governments, if in truth and in fact such is not the case;

5. Disparaging competitors' products by creating or attempting to create in the minds of purchasers or prospective purchasers of lecithin the belief or understanding that lecithin produced, sold or distributed by competitors contains deleterious or foreign matter, requires labeling not required by the respondents' product, lacks refinement, is less efficacious and is otherwise inferior to the lecithin products of the respondents unless in truth and in fact such be the case;

6. Unlawfully using any patent or patents held by them or any of them in such a manner as to obtain income from the sale of unpatented lecithin rather than from the monopoly expressly granted by the patent or patents;

7. Combining, conspiring, agreeing or cooperating between themselves or any one or more of them, or with others, to eliminate, restrain or lessen competition between them in the sale of lecithin or lecithin products, by employing a common selling agency, or otherwise; provided, that nothing herein shall prevent the respondents from entering into or carrying out lawful arrangements for the exercise of rights under patents;

8. Carrying out or entering into any agreement or doing any acts in pursuance of an agreement or understanding, that the American Lecithin Company, or any of the respondents connected with the production or sale of lecithin in the United States should refrain from selling or exporting lecithin to foreign countries;

9. Entering into or carrying out any agreement or understanding with foreign producers or sellers of lecithin for the purpose of lessening, restricting or curtailing importation of lecithin into the United States or the territories thereof;

10. Carrying out or entering into any agreement or understanding to refrain from challenging or contesting patents, rights or privileges concerning the production or use of lecithin or lecithin products held by any of them jointly or individually, which said respondents are not legally precluded from challenging or contesting;

11. Combining, conspiring or agreeing or cooperating, or entering into or carrying out any contracts to restrain trade or commerce in lecithin or lecithin products among the several States or with foreign nations;

12. Monopolizing or attempting to monopolize or combine or conspire with any other person or persons to monopolize any part of the trade or commerce in lecithin among the several States or with foreign nations.

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Priorities Director Proposed by House

—Continued from page 3

of priorities, whom he is authorized to appoint by and with the advice and consent of the senate. The director shall receive compensation at the rate of $12,000 per annum, and is authorized to appoint and fix the compensation of such officers and employees as may be necessary to carry out his powers under this section. The director shall exercise his powers...with the assistance of industry committees which he is hereby directed to establish and utilize, and upon the basis of information furnished to him by such industry committees, and upon the basis of such other information as he deems pertinent. Such powers shall be exercised by the director only after prior approval of such exercise by the joint Army and Navy Munitions Board.

Mercury Now Officially Controlled by England

London, Eng., May 9, 1941

Quicksilver is now officially controlled by the Ministry of Supply. The control scheme includes minimum and maximum prices on the basis of quantities taken.

The Ministry sells quicksilver at £47 15s. per flask, the price prevailing on a delivery of eleven flasks as a minimum. Mercury bought at that price is sold into consumption at a maximum price of £48 per flask for a minimum* of eleven flasks and at £48 15s. for smaller quantities. The scheme sets 5s. per flask as the gross profit on sales involving eleven flasks or more.

Morehouse Mustard Mills plans a new factory and office building at 1156 San Fernando road, Los Angeles, Calif., to cover an area of 40 x 120 feet and to cost $11,000.

Drugs, Fine Chemicals

Synthetic Methyl Acetone Up — Blackstrap Molasses Advanced —Cocoa Butter Still Climbs — Castor Bean Rise Carries Dehydrated Oil Higher—Solvents Show Strength

Strengthening of the price position on major solvents, higher quotations on synthetic methyl acetone, castor beans and dehydrated oil, cocoa butter, and blackstrap molasses—these were the leading developments last week in the market for drugs and fine chemicals.

The market as a whole showed undiminished strength. Demand pressed inexorably only to find that quick, prompt spot deliveries of many items was virtually impossible because of production being engaged well ahead. Among such materials were methanol, methyl acetone, formaldehyde, acetone, butyl alcohol and acetate, ethyl acetate, isopropyl acetate, methylisobutyl ketone, ethylene dichloride, and diacetone alcohol.

One prominent producer of materials enumerated in the above paragraph, excepting methanol and formaldehyde, advanced quotations 1c. per pound for sales to regular customers on a spot delivery basis. The contract price will rise 1c. per pound as of July 1. Other producers announced no changes, but their attitude intimated that they were sympathetic toward a higher level of values.

The higher price on castor beans came at the end of the crop season. In view of the recent 1c. rise in quotations on USP and extracted oils, the 1c. advance in dehydrated oil last week had been clearly forecast. No cocoa butter was available earlier than May-June and then only at higher prices more or less subject to confirmation because of the advancing price of beans.

Price Changes

Advanced

Castor beans, $3 per long ton.
Castor oil, dehydrated, 1c. per lb.
Cocoa butter, 1½c. per lb.
Methyl acetone, synthetic, 1c. per gal.
Molasses, blackstrap, Gulf ports, ½c. per gal.
New England ports, ½c. per gal.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
210.1	209.8	209.1	200.2

Market news that may have developed after this report was sent to press will be found on page 4.

Acetone.—One quarter advanced spot prices 1c. per pound. Others report no change in contract figure. Market ranges wider at 6c. to 7c. per pound in tanks, according to seller and delivery. Acute scarcity spot supplies. Now on priority list of OPM.

Acid, Ascorbic.—Steady. Demand in fine volume.

Acid, Boric.—No certainty that last half of year prices will not be higher. Active, strong market.

Acid, Citric.—Leading producers reiterate determination not to advance prices. Expect domestic production to cover legitimate domestic consumption. No producer shows disposition to accept export business.

Acid, Pyrogallic.—Signs of expanding demand. Firm market.

Acid, Tartaric.—Danger of Spain and Portugal shipments of crude tartar being stopped considered very real. Would leave South America as virtually only source. Ultimate exhaustion spot stocks acid and raw material not improbable if war contines.

Alcohol.—Strong, vitalized market maintained. Tendency still upward. Expansion production capacity may be forced. Sellers showing reserve on new business. Output well engaged ahead. Raw material higher at Gulf ports.

Alpha Tocopherol.—Demand running high at $1 to $1.10 per grand.

Aloin.—Raw material stronger. Aloin tending higher.

Amyl Acetate.—Stronger undertones flowing.

Argols.—Spain and Portugal expected to be shut off by war developments in western Mediterranean sea. Would leave only South America for future imports. Fair manufacturing reserves held this country.

Bismuth Metal and Salts.—No further changes. Major items under keen competition. Minor salts less affected. Fair demand.

Borax.—Signs may forecast higher prices last half of year. Demand cutting into production substantially. Likely to grow.

Butyl Alcohol.—One quarter advanced spot prices 1c., making market 10c. per pound in tanks. Others continued to quote 9c. on contracts.

Butyl Acetate.—Market 1c. higher one quarter. Tanks, 10c. for spot goods. Little spot available. Others retain 9c. price on contracts.

Cadmium Metal and Salts.—Strong undertones suggest probable rise in prices later on. Demand for metal running high.

Caffeine.—Export except under license now impossible. Has eased market substantially. Some secondhands left holding fairly cost material without prospect of immediate outlet. Domestic producers meeting domestic needs fairly well.

Camphor. — Demand fairly good. Japanese natural item not better than steady on spot. Production of synthetic engaged well ahead. Spring demand still rising in some areas.

Castor Oil.—Dehydrated advanced 1c. per gallon. Tanks now 14½c. No change in U.S.P. or cold extracted oil prices. Castor beans higher at $65 per long ton. End of crop now in sight.

CHICAGO, May 7.—The castor oil market is tight and is giving a good account of itself. Orders are heavy and offerings limited, with new advanced prices firmly held. Ruling prices are:—Cold pressed, U.S.P., returnable drums, car lots, 11⅜c. per pound; drums, less than car lots, 12½c.; tanks, 10⅞c.; No. 3, extracted, returnable drums, car lots, 11⅛c.; drums, less than car lots, 12¼c.; tanks, 10⅝c.

Cinchophen.—Steady undertones. Consumption normal.

Cocoa Butter.—Higher at 25½c. per pound. Earliest delivery May—June. Strong. Beans rising and going higher.

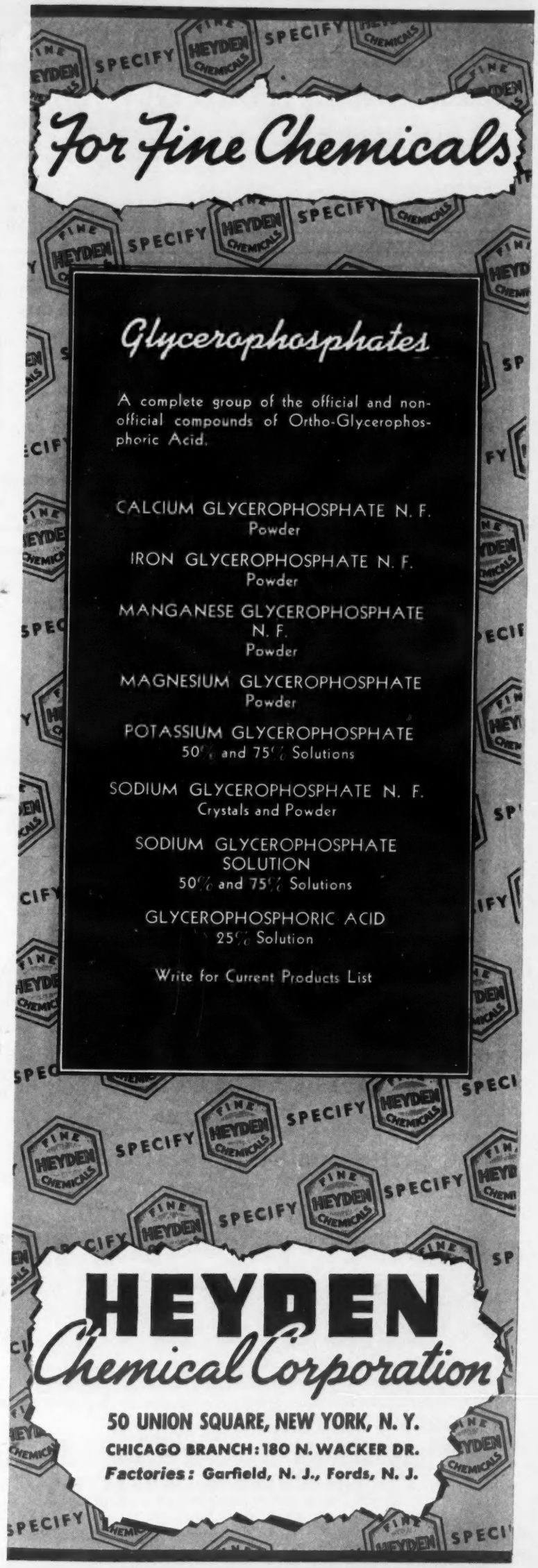
Codeine.—Demand tapering off to Spring normality. Very steady.

Codliver Oil.—Only limited quantities Icelandic production to reach

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Proprietary Ass'n, May 12-14, New York.
Purchasing Agents Ass'n, May 26-29, Chicago.
Toilet Goods Ass'n, June 9-11, New York.
Amer. Phar. Mfrs. Ass'n, June 23-27, Swampscott, Mass.



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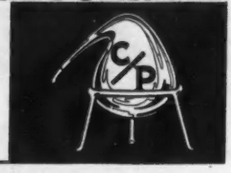

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here. Britain taking a full share of output. Dependence here on other fish liver oils likely to grow. Ability to expand production substantially uncertain.

Corn Syrup.—Showing fair firmness under demand that tends to rise. Values maintained.

Cream of Tartar.—Strong. Raw material stocks in grave danger of being cut off everywhere but South America.

Diacetone Alcohol.—One quarter raised spot price 1c. to make 10c. per pound the market. Others held contract figure to 9c.

Ethyl Acetate.—Some have advanced spot prices 1c. Others retain former contract figure unchanged. Range wider.

Ethylene Dichloride.—Range wider as to seller and position. Some retain contract price unchanged. One quarter raised spot price 1c. Latter quotes 7.42c. per pound east of Rockies; 7.92c. west of Rockies.

Fish Liver Oils.—Prices holding firm to strong. Some easing likely as new production comes on market. Consumption apt to run ahead of last year.

SAN FRANCISCO, May 7.—More interest in the vitamin oil market here during the week, especially in the low potencies. Oil in and around the 10,000 unit bracket in the A division was featured most prominently, with the quotation stiffening slightly.

Ruling prices are:—

CRUDE SOUPFIN SHARKLIVER OIL.—High potency, 100,000 U.S.P. units vitamin A per gram, 7¾c. to 8c. per million units, f.o.b. Pacific Coast, in drums; medium potency, 50,000 to 80,000 units, 6¼c.; 25,000 to 50,000 units, 5½c.; lower potency, upwards of 10,000 units, 5c.

CRUDE TUNA LIVER OIL.—Ranging in potency, 20,000 U.S.P. units vitamin D per gram, 55c. per million units.

Formaldehyde.—This item now on OPM priority list. Consumption running ahead of supply. Resales command price premium.

Glycerin.—General setup of market unchanged. Consumption steady and needs cared for with fair promptness. Prices well stabilized and clear of signs of an early change on part of refiners. Price stabilization has held up sales expansion of substitutes.

CHICAGO, May 7.—Glycerin prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums; car lots, 13c.; drums, less than car lots, high gravity, 11¾c. per pound, tanks; 12c. drums, car lots; 12½c., drums, less than car lots.

Iodine and Iodides. — No further change in iodine derivatives.

Iron Acetate. — Demand excellent. Price schedule fully maintained.

Iron-Soda Oxalate.—Business good. Prices firm. No change.

Isopropyl Acetate. — Spot price of one producer raised 1c. to make 7½c. per pound market east of Rockies. Others kept 6½c. on contract unchanged.

Magnesia.—Calcined and carbonate doing well at full prices. Some report moderate delays in deliveries.

Magnesium Trioxide. — Steady undertones. Buyers cover normally.

Mercurials. — Holding steady while raw material has worked lower. High demand for red technical oxide. Calomel and corrosive sublimate in excellent sales volume.

Methanol.—Natural tending stronger. Deliveries at minimum quotations doubtful. Increase in ammonia requirements cuts normal output of synthetic. New production natural item not unlikely. Now on OPM priority list.

Menthyl salicylate:—Demand fair. Usual consumers supply buying. Prices held firm.

Methyl Acetone. — Synthetic material 1c. per gallon higher. Tanks, zone 1, 38½c. per gallon; zone 2, 40c.; zone 3, 41c. Drums at usual pre-

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miums. Some sellers natural material get sharp price premiums because are able to make deliveries.

Methylisobutyl Ketone. — Spot higher by 1c. per pound, one quarter. Others keep unchanged contract price. Range wider at 10½c. to 11c. per pound for tanks as to seller and position.

Molasses. — Blackstrap higher at Gulf ports. Now quoted 8c. per gallon in tanks. North Atlantic ports range 8c. to 8½c., latter ruling on New England deliveries.

Potash Permanganate. — Now on OPM priority list. Business confined to regular contracts.

Quicksilver.—Now on OPM priority list. Gives defense needs first call over production. Output engaged well ahead. Little surplus likely for long time. Prices slightly steadier here.

SAN FRANCISCO, May 7.—Major factors in quicksilver market continue to report nearby positions sold out. Some sellers state they are buyers. Spot supply very narrow. No substantial quantities, nearby delivery, known to be offered or quoted openly. Best estimate as to the current spot market is $180 per flask. Futures might be discounted. Production improving now.

Quinine.—Substantial stability prevails. No real want for domestic consumption going unmet. Conditions tend to keep undertones strong. Surcharge tends upward.

Riboflavin.—Demand running to excellent totals. Prices considered favorable. Little surplus stock.

Rochelle Salt.—Real danger of raw material becoming unobtainable save from South America exists. Situation very strong.

Saccharin.—Convention and import duty contrive to keep price high in London. Quotations minimum there at $65 per pound. Price here, $1.45 per pound. Protective duty accounts for most of the high price in Britain.

Santonin. — Demand rising slowly. Finds strong spot price position.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	24	34¾	23½
Monday	24	34¾	23½
Tuesday	24	34¾	23½
Wednesday	24	34¾	23½
Thursday	24	34¾	23½
Friday	24	34¾	23½

Almay Pharmaceutical Corporation, Brooklyn, has filed a certificate in the office of the Secretary of State reducing its capital stock from 500 shares of preferred stock $100 par value and 100 shares non par value stock to $5,000 in shares of $5 each.

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- **Drug Topics**
- **American Druggist**
- **Apothecary**
- **N.A.R.D. Journal**
- **Midwestern Druggist**
- **Northwestern Druggist**
- **Pacific Drug Review**
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- **Southern Pharmaceutical Journal**
- **American Professional Pharmacist**
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S. B. PENICK & COMPANY
50 Church St., New York, N. Y.
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What A Line . . . for a steady haul of profitable orders

One of the automatic filling machines which turn out thousands of packages of Penick Botanicals daily!

. . . because no other full line of packaged botanicals is so widely promoted to retail druggists. *We stimulate orders for you, Mr. Wholesaler.*

. . . because no other brand offers such variety and completeness of items. *That means extra sales.*

. . . because Penick's Packaged Botanicals are honest-to-goodness, quality-tested products in modern, attractive packages with plenty of "sell-appeal." Note, please, the many outstanding advantages of the Penick line as stressed in the advertisement shown, one of many appearing in over a dozen national and sectional drug trade publications.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Botanical Drugs, Spices, and Gums

Ship Sinking Sends Uva Ursi Up — Transport Trouble Tilts Senna Trend Upward—Some Ergot Sellers Show Severe Reserve — Sarsaparilla Strong — Jalap Jumped

Growing scarcity of stocks of imported merchandise brought rumblings of further advances in numerous quotations on a fairly large number of crude drugs last week. Since domestic botanicals are now being collected, less is noted concerning the price developments in such merchandise but it may be assumed that the normal and usually substantial decline in prices will be either absent or not very large this year.

Except for crude drugs that are obtainable abroad in new primary markets, or which may be cultivated in this country, there is little chance of stocks avoiding an ultimate exhaustion if the war continue another year or so. As to the domestic botanicals, collection conditions do not suggest the purchase of the 1941 crop at prices permitting maintainence of what formerly was a normal level of values.

Demand failed to press aggressively last week. While there was something doing at all times, there seemed to be some letting down in broad-guage buying and its replacement by a demand based on smaller requirements that resulted in a moderately sized total.

Balsams

Copaiba.—U.S.P. balsam priced 28c. to 29c. per pound. Reasonably firm.

Peru.—As to seller and quantity, 72c. to 73c. per pound.

Tolu.—Slower at 85c. to 95c. per pound as to quality.

Barks

Buckthorn. — Practically nominal market. No open market offerings.

Cascara Sagrada.—Strong. To work higher if crop be subnormal.

Cinchona.—Reserves ample. In long run, interference with normal trade relationships with Netherlands Indies could produce a crisis in supplies. Strict regulation of sales the rule.

Orange Peel.—Hatian peel suitable for pickling industry, offered spot at 7½c. per pound. Lower for later importation.

Soap. — Apparently firm. Routine, normal activity.

Beans

Tonka.—Very firm. Demand moderate. Limited competition.

Vanilla.—Nominal market continues. Few have more than small lots available for sale. Tahiti beans slightly more readily obtainable than other varieties. Strong market maintained by inability of dealers to create reasonable unsold reserves.

Berries

Juniper.—Some intimations of stocks being available at Murmansk, Russia, noted.

Imports and Detentions

Entries of botanicals at the port of New York, since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	...	1,093
Belladonna	19	19
Caraway	...	207
Cardamom (cases)	...	1,277
Celery	35	61
Coriander	12,546	24,508
Cumin	2,989	5,688
Digitalis leaves (cases)	...	...
Dill	3,118	11,660
Fennel	136	1,082
Henbane leaves (bales)	...	20
Mustard	...	6,032
Poppy	130	1,047
Sage leaves (bales)	134	3,084
Sesame	340	1,046
Stramonium	...	...
Thyme	366	451

Price Changes

Advanced

Belladonna leaves, 25c. per lb.
Canary seed, Argentine, ¼c. per lb.
Caraway seed, 2c. per lb.
Celery seed, French, 12c. per lb.
Coriander seed, natural, 1c. per lb.
Digitalis leaves, 5c. per lb.
Ergot, 15c. per lb.
Fenugreek seed, 1c. per lb.
Gentian root, 5c. per lb.
Ginger root, African, ¾c. per lb.
Jalap, 6c. per lb.
Mustard seed, Danish yellow, ½c. per lb.
Montana yellow, ½c. per lb.
Nutmegs, E. I., small grinding, ½c. per lb.
Papain, powdered, 35c. per lb.
Poppy seed, Dutch, ½c. per lb.
Paprika, Portuguese, fancy, 1c. per lb.
Pepper, black, Lampong, 1c. per lb.
red, Chillies, Japan, ½c. per lb.
Senna, T. V., 1c. per lb.
Sloe berries, 10c. per lb.
Sarsaparilla root, Mexican, 7c. per lb.
Thyme, Spanish, 4½c. per lb.
Uva ursi leaves, 4c. per lb.

Reduced

Copaiba, U.S.P., 1c. per lb.
Cinnamon, No. 2, Ceylon, 1¼c. per lb.
Laurel leaves, Greek, 3c. per lb.
Marjoram, Chilean, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
259.4	251.2	252.1	195.7

Market news that may have developed after this report was sent to press will be found on page 4.

Sloe.—Strong, around 30c. to 31c. per pound. Future imports from Russia uncertain.

Flowers

Borage.—Little demand.

Calendula. — Stocks low in many quarters.

Elder.—Prices tend up.

Linden.—Small stocks. Strong position.

Saffron.—Greek red saffron held in strong hands. Crop estimated at 1,700 pounds, compared with 1,400 pounds estimated for 1939 crop. Spanish saffron maintained strongly.

Gums

Aloe. — Stronger. Tending higher. Excellent demand.

Arabic. — Very -firm. Little local competition. Future arrival of shipments unassured. Steamers and freight space scarce. Iraq developments adverse to ultimate marketing of production there. Imports from Iraq in 1940 were 1,036 kilos; 1939, 1,373 kilos. Quality not too satisfactory.

Asafetida.—Renewal of firmly held

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Amer. Spice Trade Ass'n, May 12-14, New York.
Amer. Phar. Mfrs. Ass'n, June 23-27, Swampscott, Mass.

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✓ANISEED
✓ARECA NUTS
✓ASAFOETIDA GUM
✓BENZOIN GUM
✓BUCHU LEAVES
✓CALAMUS ROOT
✓CUDBEAR
✓CINCHONA BARK
✓COCILLANA
✓DAMIANA Select
✓DERRIS
✓DIGITALIS (116% Active)
✓DOGGRASS CUT
✓ERGOT (140% Active)
✓EUPHORBIA PIL.
✓FENNEL SEED
✓GALANGAL ROOT
✓GINGER
✓GUAIAC GUM Glassy
✓HAWTHORNE BERRIES
✓HOREHOUND
✓INSECT FLOWERS
✓IPECAC ROOT
✓IRISH MOSS
✓KOLA NUTS
✓MYRRH GUM
✓OLIBANUM GUM
✓ORANGE PEEL
✓ORRIS ROOT
✓PAPAIN
✓PEPPERMINT
✓PSYLLIUM SEED
✓QUASSIA
✓QUINCE SEED
✓RHUBARB ROOT
✓SARSAPARILLA
✓SENEGA ROOT
✓SENNA LEAVES
✓SQUILLS
✓STRAMONIUM
✓UVA URSI
✓WILD CHERRY BARK
✓PALE ROSE BUDS

◆ ◆ ◆ ◆ QUOTATIONS AND SAMPLES ON REQUEST ◆ ◆ ◆ ◆

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Gum Tragacanth --- Gum Arabic

Importers

THURSTON & BRAIDICH, 286 Spring St., NEW YORK

spot stocks uncertain. Transport facilities few and poor.

Mastic.—Tending firmer. Some gain in sales.

Myrrh.—Firming up. Transport of replacement stocks uncertain.

Tragacanth.—Firmly held. Demand very fair. Limited price competition due to inability to get normal shipments from source. Exports from Iraq estimated at 143,567 kilos in 1940, comparing with 97,807 kilos in 1939.

Herbs and Leaves

Belladonna. — High prices govern views of many domestic cultivators. Would mean very high rates to manufacturing consumers. Spot, $2.25 per pound.

Digitalis.—Selling around 40c. to 42c. per pound. Occasional shading by isolated holders of limited lots.

Laurel.—Greek quoted 52c. to 54c. per pound, but price held subject to confirmation, due to sellers' indetermination regarding acceptance of further business.

Marjoram.—Chilean shaded to 10c. to 10½c. per pound. French and Tunisan herb virtually nominal.

Thyme.—Spanish jumped to 20c. to 21c. per pound, closing strong.

Uva Ursi. — Ship with substantial quantity as cargo reported sunk at sea. Most sellers withdrew from market. Spot quotation, 16c. per pound, nominal and subject to confirmation.

Miscellaneous

Areca Nuts. — Powdered higher at 17c. to 19c. per pound on decreased stock.

Corn Silk.—Not much change to interest canners in collection project on silk. Limited spot stocks at 25c. per pound nominal.

Ergot.—Jumped to $1.80 to $1.90 per pound, not firm and subject to confirmation. Sellers either withdrawn or greatly reserved. Caused by uncertainties of replacement.

Papain.—Advanced to $1.75 to $1.80 per pound for powder. Some sellers restrict stocks to regular customers. No crude obtainable recently from source.

Roots

Doggrass. — Strictly N. F., selling around 75c. per pound.

Gentian.—Drab outlook for replacement combines with excellent demand. Prices up. Whole, 55c. to 57c. per pound; ground, 59c. to 61c.; powdered, 60c. to 62c.

Jalap.—Difficult to get from source to spot. Dwindling spot stocks put prices to 34c. to 45c. per pound for whole; powdered, 39c. to 50c.

Licorice.—Purely nominal. Sellers withdrawn. Bundles, 90c. per pound; cuttings, 24c.; powdered, 22c. to 23c.

Sarsaparilla. — Up. Honduras, 32c. to 33c. per pound. Mexican, 24c. to 25c.

Valerian.—Strictly U.S.P., $1.25 to $1.30 per pound. Eastern root, 48c. to 50c.

Seeds

Canary.—Argentine up to 3.60c. to 3.80c. per pound.

Celery.—French around 82c. to 83c. per pound, nominal and without offer.

Coriander.—Higher at 7½c. to 8c. per pound.

Fenugreek. — Second advance puts spot price to 6½c. to 7c. per pound.

Larkspur. — Nominally $2.10 per pound.

Millet.—U. S. Tariff commission requested to raise duty.

Mustard.—Danish yellow up to 27c. to 28c. per pound. Montana, yellow, up to 12c. to 12½c.

Poppy.—Dutch higher at 36½c. to 37c. per pound.

Spices

Allspice.—Mexican, 13½c. to 14c. per pound.

Cinnamon.—No. 2 Ceylon shaded to 18¼c. to 18¾c. per pound.

Ginger.—African higher at 13c. to 13½c. per pound. No more obtainable. Little available at Jamaica. Trifle of Cochin root on way.

Nutmegs. — Small E. I., grinding higher at 16c. to 16½c. per pound.

Paprika.—Fancy Portuguese up to 37c. to 38c. per pound.

Pepper.—Black Lampong higher at 7.70c. to 8.00c. per pound. Red Japanese hontonka chillies fraction higher at 21c. to 21½c. White peppers unchanged.

Trading in black pepper futures on the New York Produce Exchange from May 3 to May 9, inclusive, comprised 610 contracts. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	7.78	7.40	7.69@7.74
March	7.86	7.41	7.75@7.77
September	7.65	7.11	7.54@7.58
December	7.72	7.27	7.66 sale

Pimento. — Jamaica strong, scarce, and virtually nominal on spot at 33c. to 35c. per pound. New crop, August shipment, offered at 23c. per pound, c.i.f. New York.

Mexican Allspice Now Term for Mexican Pimento

Mexican allspice is the designation now required by the Food and Drug Administration on all pimento originating in Mexico. In making known his opinion regarding an acceptable name for Mexican pimento, Earl L. Anderson, acting chief of the New York station, declared:

From all the information available, the term "allspice" means alike to spice manufacturer and consumer the product with which they have been familiar for many years under that name, unqualified by any geographic or varietal or species name.

If this proves to be the true state of affairs, the Mexican species of allspice, which, it is our understanding, is a considerably larger berry and has a somewhat different and less pungent odor and flavor, would be misbranded if sold under any name other than what we understand to be its true name—namely, "Mexican allspice."

Morris S. Rosenthal, of Stein, Hall & Co., this city, has been elected vice-president of the newly formed Hard Fibres Association.

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FACTORIES AT CLIFTON, N. J. AND SOUDANS (OAS) FRANCE

Essential Oils, Aromatic Chemicals

Almond Still Higher—Cananga Scarcer and Rising—Top Quality Cinnamon Advanced — Petitgrain Shaded — Snakeroot Down —Rosemary Firmer—Linaloe Up—Florida Offers Mandarin

Undercurrents in the market for essential oils and aromatic chemicals continued to sweep prices almost exclusively toward high levels. Occasional back-eddies brought about moderate downward revisions but such developments seemed likely to be short lived and a return to former or even higher levels merely a matter of time. As usual, strength was most pronounced in natural products the stocks of which were growing steadily smaller as replacement becomes as steadily more difficult.

Sweet almond was higher and sellers were greatly reserved. California stocks have shrunken substantially. Cananga oil rose when two former holders reported exhaustion of supplies. Top quality cinnamon bark oil was much more expensive but the lower qualities did not change.

Mexican linaloe was higher and sellers were fewer. Patchouli strengthened conservatively despite moderate demand. Rosemary was firmer at slightly higher prices but stocks were fair. Natural sassafras was more valuable but artificial remained unchanged.

Lower quotations on cypress, mandarin, petitgrain and snakeroot accompanies slightly more competitive conditions. Florida was reported offering mandarin but dealers were not enthusiastic regarding the quality when compared with the Italian item.

Essential Oils

Almond.—No natural, bitter oil offered. Sweet higher at $1.70 to $1.95 per pound. Gaining strength. Reports here indicate substantial absorption of domestic production.

Amyris.—Dull. Offered spot at $3.50 to $3.75 per pound. Single seller.

Angelica.—Strong. Scarce. High price about nominal.

Anise.—Steadier. Decline checked. Moderate demand.

Apricot Kernel.—Steady. Wide range continued.

Bay.—Conventional demand. Prices differ widely. Steady undertone.

Bergamot.—Nominal price continued on natural oil. Artificial available in wide range of quality. Quoted $1.50 to $9.25 per pound.

Birch Tar.—Firm at late rise. Limited stock and demand.

Bois de Rose.—Routine market. Firm.

Cananga.—Higher. Crude, $6 per pound; rectified, $6.50. Limited stocks in strong hands. High replacement cost.

Caraway.—Purely nominal. Practically a museum piece.

Cassia.—Firm to strong. Tendency upward still.

Cinnamon.—Bark oil, $9.75 to $35 per pound, as to quality and seller. Leaf oil, 80c. No two holders of bark oil agree. One quotes $33 per pound. Another, $30 to $35. A third, $17.50. A fourth, $9.75 to $30.

Cumin.—Ranging on spot $8 to $10 per pound. Two dealers quote.

Cypress.—Most stocks exhausted. One dealer quoted $3 per pound. Another, $12.

Erigeron.—All prices differ. Market steady. Minimum, $1.85 per pound. Top of range, $2.25. Some Spanish quoted at $7.50.

Fennel.—Fair spot distribution. Two dealers quote $2 per pound minimum. Two hold for $2.15. One asks $2.35.

Geranium.—Limited stocks in strong hands and cannot readily be replaced.

Grapefruit.—Firm prices gain some strength. Demand better.

Grapeseed.—Interest spreading slowly. Inquiries numerous.

Ginger.—Distilled oil ranges $4.30 to $6.25 per pound. Quotations as to dealer were $4.30, $4.75, $4.85, $5.50, and $6.25, respectively.

Juniper Tar.—Firm at recent rise. Moving well.

Price Changes

Advanced

Almond, 15c. per lb.
Cananga, native, 50c. per lb.
rectified, 50c. per lb.
Cinnamon bark, top quality, $8 per lb.
Linaloe, 25c. per lb.
Patchouli, 10c. per lb.
Rosemary, 5c. per lb.
Sassafras, natural, 10c. per lb.

Reduced

Cypress, 25c. per lb.
Mandarin, 50c. per lb.
Petitgrain, 10c. per lb.
Snakeroot, $1 per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
196.4	196.1	196.5	108.5

Market news that may have developed after this report was sent to press will be found on page 4.

Lavender.—Stocks actually spot usually reserved for regular customers. No trading market.

Lemon.—Strong. Excellent consumption likely to expand. Reliance on domestic production complete.

Lime.—Oil production in Colima, Mex., likely to be 20,000 to 25,000, pounds first estimate. Five invoices certified on February and March at American consulate at Guadaljara. One for 111 pounds cold pressed oil. Four totaling 826 pounds.

Linaloe.—Spot quotations $2, $2.25, $2.35 and $4 per pound, according to dealer. Quiet.

Lovage.—Ranging $85 to $120 per pound as to seller. Two dealers quoting.

Mace.—Steady. Light demand.

Mandarin.—Three lots quoted at $8.50, $12.80, and $15 per pound respectively. Some Florida oil noted.

Nutmeg.—Fair to better call. Steady prices.

Olibanum.—Two dealers quoted $5 per pound and one $10. Others unable to offer. Dull market.

Orange.—No further rise in domestic oil. Firm and gaining strength as demand centers more and more on home product. Britain takes most West Indian oil. Other centers cut off by war.

Patchouli.—Ranging $4.85 to $6 per pound as to dealer. Most dealers quote within range $5.25 and $5.50. Stocks well distributed.

Pennyroyal.—Single lot of domestic oil held at $2.95 per pound. Imported ranging $2.25 to $2.75.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Association meetings:—

Toilet Goods Ass'n, June 9-11, New York.

Peppermint.—Crop makes good progress in middlewest. Spot prices hold. Demand moderate.

Petitgrain.—Ranging wider according to dealer. Drums, $1.35 to $1.50. Can prices show differences, being $1.40, $1.45, $1.50 and $1.55 per pound respectively.

Rosemary.—Firmer at slight rise. Drums, 85c. to 90c. per pound; cans, 88c. to 93c. Fair amount of spot stocks. Limited call.

Rue.—Higher at $7 to $7.50 per pound. All minimum prices differ. Three offer firm.

Sage.—Ranging $4.50 to $8.75 per pound as to seller. Almost exhausted spot stock held by two dealers only.

Sassafras.—Artificial steady to firm. Natural up to $1.10 to $1.30 per pound. Dealers almost unanimous at $1.10.

Savin.—None offered.

Savory.—Stocks exhausted.

Snakeroot.—Eased back to $8.50 to $9 per pound.

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ROSE BLEUE—medium priced. Particularly suited for creams of all types.
ROSE C. S. W.—has a higher note than Rose Bleue. Ideal for toilet preparations.
ROSE 81412—can be used to replace Otto of Rose and to perfume high grade toilet preparations.
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Branches in Principal Cities

Aromatic Chemicals

Acetophenone.—More active inquiry. Firm prices. Fair stocks.

Acid, Phenylacetic. — Normal consumption. Prices steady to firm.

Alcohol, Benzyl.—Still quiet. Prices apparently stable.

Alcohol, Cinnamic.—Scarcity creates strong position. Limited offerings. Sellers reserved.

Alcohol, Phenylethyl.—Consumption steady in moderate quantities.

Amyl Salicylate.—No price shading. Call very steady.

Anethol.—Steady. Fair, routine call.

Anisic Aldehyde.—Prices held steady despite raw material decline.

Benzaldehyde. — Deliveries behind. Scarcity abounds. Prices about nominal for spot deliveries.

Benzophenone.—Firmer. Very good and steady call.

Benzyl Acetate. — Volume maintained. Prices stable.

Benzyl Benzoate.—Stabilized prices. Limited consumption.

Benzyl Cinnamate.—Quoted $5.25 to $5.50 per pound. Very firm.

Benzyl Formate.—Selling at $2.40 to $2.75 per pound as to dealer.

Benzyl Propionate. — Sales volume little changed. Consumption steady.

Benzyl Salicylate.—Stock sufficient. Fair request. Firm prices.

Benzyladinacetone. — Selling over range $2.20 to $2.50 per pound as to seller. Fair request.

Bromstyrol.—Inquiry broader. Sales up moderately.

Cinnamic Aldehyde.—Price on 100% item $1.10 per pound. Low is 75c.

Citral.—Strong position lemongrass reflected here. Limited offerings. No shading.

Citronellal.—Steady to firmer. Less competition.

Citronellol.—Quoted $1.75 to $2 per pound as to supplier. Firm.

Diacetyl.—Price paid depends on quality secured. Wide range.

Diphenylmethane.—Firm to firmer.

Diphenyl Oxide.—Demand normal. Firm.

Ethyl Benzoate.—Prices $1 to $1.25 per pound. Fair call.

Ethyl Butyrate.—Sales rather slow at 75c. to 90c. per pound.

Ethyl Oenanthate. — Firm undertones. Selling at 75c. to $1.25 per pound.

Ethyl Oxyhydrate.—Rum ether moving well at $4 to $6 per gallon as to seller.

Ethyl Cinnamate.—No weakness nor unsettlement. Fair call.

Ethyl Propionate.—Call at $1.10 to $1.25 per pound well stabilized.

Ethyl Vanillin.—Demand stimulated by position of vanilla beans.

Eucalyptol.—Call irregular. Prices hold.

Eugenol. — Firmer and strengthening. Good demand.

Geraniol.—Prices as to seller:—92-96%, $1.41 to $2.05 per pound; other grades, $1.25 to $1.85; soap, 65c. to $1.

Heliotropine. — Excellent business. Apparently stabilized.

Hydroxycitronellal. — Production cost still tends upward.

Ionone.—Alpha, $2.75 to $2.80 per pound. Beta, $3.90 to $3.95. Methyl, alpha, 100%, $4.35. Demand normal and satisfactory.

Linalool.—Trade increased. Firm.

Linalyl Acetate. — Demand up. Firmer.

Methyl Anthranilate. — Quieter. Firm.

Methyl Cinnamate.—Ranges wide as to quality. Firm.

Musk.—Very firm. May go higher.

Fritzsche Bros. Elects Three New Vice-Presidents

The annual election for officers, held May 1 at the offices of Fritzsche Brothers, Inc., essential oils and aromatics, this city, resulted in H. P. Wessman, director of purchases; Dr. Ernest S. Guenther, chief research chemist; and Joseph A. Huisking, assistant to F. H. Leonhardt, president, being chosen vice-presidents to serve during the coming year. Dr. A. Nicolaus, in charge of manufacturing operations in the company's plant at Clifton, N. J., was chosen a director to succeed the late B. F. Zimmer.

Officers re-elected were:—President, F. H. Leonhardt; vice-president and treasurer, W. A. R. Welcke; vice-president, George L. R. Ringel; and secretary, John Montgomery.

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Petroleum Products

Heavy Demand for All Petroleum Products Continues — Crude Scale Paraffin Scarce and Stronger — Lubricating Oils, Gasoline, Kerosene and Michigan Crude Oil Higher

Activity in the already very strong petroleum products market continued to expand last week. Suppliers of several materials were pressed to meet bids. Crude scale paraffin was higher, with stocks fairly well depleted. Michigan crude oil was advanced.

Various types of petroleum solvents and naphthas were in heavy call last week. Scarcity of aromatic naphthas and butane and propane continued to be a problem in face of very heavy demand from consumers. Lubricating oils were in good call and were higher in the Midcontinent. Gasoline was higher at the Gulf Coast and in Group 3.

Oklahoma approved extending the interstate oil compact for another two years and after signing the agreement forwarded it to other member states. Indications were that all members will approve. In Illinois, an oil-conservation bill, which would set up a state commission with authority to regulate the production of petroleum but not to limit the amount of oil pumped from currently producing wells, was introduced in the senate, with the backing of the governor. The state has no regulation over the output at present. A bill which will increase the present oil production tax in Texas to 4⅛c. per barrel, for an expected revenue increase of $8,536,000, became a law upon signature of the governor.

Solvents and Diluents

Aromatic Naphthas.—Broad movement. Supply tight. Some grades unavailable. Prices firm and unchanged.

Cleaners' Naphtha. — Better than normal call. Shipments in good volume. Price steady.

Lacquer Diluent.—Good movement to normal consuming channels. Inquiries fair. Price firm.

Mineral Spirits.—Movement to paint manufacturers large. New business brisk. Prices firm and unrevised.

Rubber Solvent. — Deliveries to Akron tire manufacturers continued at good rate. Volume of shipments large. Price was firm.

Stoddard Solvent.—Consumers continued to show good interest in offerings. Contract ordering was brisk. New business was fair. Price was steady.

V.M. & P. Naphtha.—Business was running far ahead of last year, as buyers continued to place large orders against contracts. Inquiries were more numerous. Price was firm.

Markets at Other Centers

Chicago—May 9

Most solvents and diluents have been giving a better account of themselves, with orders active. Recently advanced prices are well maintained. Inquiry has tended to improve. Most products are in good position.

AROMATIC NAPHTHAS.—Demand good, prices strong.

CLEANERS' NAPHTHA.—Interest active, quotations firm.

LACQUER DILUENT. — Orders hold good, market steady.

MINERAL SPIRITS.—Business fair, no price change.

RUBBER SOLVENT.—Movement active, market holding.

STODDARD SOLVENT.—Good demand, prices firm.

V. M. & P. NAPHTHA.—Active demand, prices strong.

New Orleans—May 9

A seasonal demand continued to be experienced on cleaning solvent and V.M. & P. naphtha, with prices exhibiting the usual stable trend.

CLEANING SOLVENT.—Demand routine; price steady.

V.M. & P. NAPHTHA. — Movement normal; no change in price.

San Francisco—May 9

Solvents and diluents buyers continue to enjoy schedules which are showing no change. Most phases of activity in these branches are good and the paint trade in particular is making its needs known.

AROMATIC NAPHTHAS.—Demand very good.

PETROLEUM THINNERS. — Excellent demand.

LACQUER DILUENT. — Good movement.

V. M. & P. NAPHTHAS.—Current takings very fair.

Price Changes

Advanced

Gasoline, at refinery, Gulf Coast, U.S. Motor, 72-74, tanks, ¼c. per gal.
Group 3, U.S. Motor, 72-74, ¼c. per gal.
natural, ½c. per gal.
Kerosene, at refinery, Group 3, ¼c. per gal.
Oil, lubricating, at refinery, Group 3, ½c. to 1c. per gal.
Pennsylvania, cylinder oil, 600-650 s.r., ½c. per gal.
Paraffin, crude scale, 15 points per lb.
Petroleum, crude, bulk at well, Mich., 10c. per bbl.

Reduced

None

Market news that may have developed after this report was sent to press will be found on page 4.

RUBBER SOLVENT. — Demand sustained.

STODDARD SOLVENT.—Good.

CLEANERS' NAPHTHA.—Routine.

Tulsa—May 9

Demand is broadending for oil solvents and diluents. Prices for all products are strong.

CLEANERS' NAPHTHA. — Good call. Prices unchanged.

STODDARD SOLVENT.—Fair demand. Prices steady.

RUBBER SOLVENTS.—More inquiries. Prices strong.

V. M. & P. NAPHTHA.—Good demand. Quotations unrevised.

LACQUER DILUENT.—Demand broadening. Prices steady.

MINERAL SPIRITS.—Good call. Prices steady.

Lighter Fractions

Butane.—Very heavy demand continued. Materials scarce. Price strong.

Heptane. — Good movement. Price firm.

Hexane. — Market showing more strength. Better demand.

Octanes. — Normal consumption reported. Price unchanged.

Pentanes. — Buyers remained actively interested in offerings. Price steady.

Propane.—Demand exceeded available supply. Price strong.

Markets at Other Centers

Chicago—May 9

Interest in these materials held up well, with business rather active and the price structure firm. Buyers were tending to expand their takings irregularly, and inquiries indicated likelihood of continued interest.

BUTANE. — Offerings limited, prices strong.

HEPTANE. — Active call, quotations strong.

HEXANE.—Good buying, no price change.

OCTANES.—Interest active. Market firm.

PENTANES.—Demand brisk. Strong undertone.

PROPANE. — Buying good. Prices strong.

Tulsa—May 9

Broader inquiries for all light fractions are noticeable. While materials sought are in small quantities, nevertheless there is an increasing number.

BUTANE.—Good demand. Prices strong.

PROPANE.—Demand increasing. Quotations firm.

PENTANE.—Heavy demand. Quotations strong.

Petrolatums and Waxes

Paraffin.—Crude scale wax was quoted nominally at 3.50c. per pound, a 15 point rise. Material very scarce.

Petrolatums.—Strong but unchanged. Demand improving.

White Mineral Oils.—A firmer tone was noted in the market. Consumers were placing larger orders. Prices were unchanged.

Markets at Other Centers

Chicago—May 9

The market varied from quiet and unchanged on paraffins to firmer on petrolatums. Orders for most materials were fair, with inquiries continuing moderate. Small-lot dealings were the rule.

PARAFFIN.—Orders fair, market quiet.

PETROLATUMS.—Good buying, prices strong.

WHITE MINERAL OILS. — Business routine, no change in price.

Tulsa—May 9

More activity in waxes and petrolatums. Prices are stronger than in past few weeks.

PARAFFIN.—Good demand. Quotations strong.

PETROLATUMS.—Market more active. Quotations unchanged.

Fuels and Lubricants

Gasoline.—Firm. Demand good.

Kerosene. — Good call. Prices steady.

Lubricating Oils. — Pennsylvania grades strong, but no changes reported.

Crude Oil Price Changes

Prices were advanced 10c. per barrel by leading buyers, making a new range for the state of $1.17 to $1.38.

Markets at Other Centers

Chicago—May 9

Demand for gasoline remained heavy. Kerosene attracted considerable interest. Lubricating oil business is tending to expand.

GASOLINE.—Buying brisk, prices strong.

KEROSENE.—Fair interest, quotations unchanged.

LUBRICATING OILS.—Tight situation, prices strong.

New Orleans—May 9

A moderately active tone prevailed in the market on gasoline and kerosene, with all grades of gasoline exhibiting an upward price trend.

GASOLINE.—Fair demand; all prices advanced.

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Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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KEROSENE. — Market normal; price unchanged.

Tulsa—May 9

Further advances of ½c. per gallon were posted in gasoline, kerosene and natural gasolines. Lubricants were up ½c. to 1c.

GASOLINE.—U. S. Motor, 72-74 octane, up ½c. to 5c. to 5½c. per gallon.

KEROSENE.—Orders brisk, with 41-43 up ½c. per gallon to 4¼c. to 4½c.

LUBRICANTS. — Broader demand. Neutrals up ½c. per gallon to 9c. to 13c. and bright stocks up 1c. to 14½c. to 20c.

NATURAL GASOLINES.—Prices up ½c., with 26-70 at 3¼c. to 3⅜c., and 18-55, 3⅞c. to 4c. per gallon.

Deep Rock Issues $5,500,000 Notes Under Reorganization

Tulsa, May 6, 1941

Reorganization of the $17,000,000 Deep Rock Oil Corporation after eight years in bankruptcy was completed today at a meeting of the new directorate. Under the reorganization plan, the company will issue $5,500,000 in notes and 500,000 shares of stock. Persons holding $10,000,000 in old Deep Rock notes will receive the new note issue plus 75 percent of the stock, and the old preferred stockholders will get 25 percent of the new stock. Two cash payments of $1,200,000 each have been made to holders of old Deep Rock notes and a third payment is to be made soon.

Pen-Ken Loses 300,000-Acre Tract to Ky. in Court Case

Prestonburg, Ky., May 3, 1941

The Pen-Ken Gas & Oil Company and its affiliate the Duke-Whitney Gas & Oil Company, must forfeit 300,000 acres of Eastern Kentucky land to the Commonwealth, was the verdict returned by a Floyd County jury today. After the verdict the company announced it would appeal to the Kentucky Appellate Court. The companies based their claim to the tract on a Virginia land grant issued in 1787. The State, citing a statute of 1906, asked that the claims be forfeited on the grounds the companies have neither paid taxes nor listed the land for taxation during a five-year period.

Sun Oil Wins Tax Case

The City of Newark's attempt to assess at $31,101,675 for 1938 the intangible personal property of the Sun Oil Company, on the grounds that the firm's main office was in Newark, was voided last week by the State Board of Tax Appeals, which held that the statutory headquarters of the company was at Jersey City and that the Newark office ranked with other sales offices at Trenton and Atlantic City.

Rare Chemicals, Inc., Moves To Flemington, N.J.

Recently the offices, laboratories, and factory of Rare Chemicals, Inc., formerly located in Nepera Park, N. Y., were established in a new plant at Flemington, N. J. This concern manufactures and markets many medicinal specialties that have been extensively promoted to the pharmaceutical and medical professions throughout the country.

The new plant consists of a group of brick and frame buildings. The main unit is a modern large three-story red brick structure that houses the offices, research and chemical laboratories, pharmaceutical manufacturing units, packaging and shipping departments, and warehouse. Another modern brick building contains an industrial alcohol plant, bonded warehouse, denaturing plant, and boiler room. Also on the property which has railroad siding facilities, are several frame buildings housing a sizable fermentation plant.

A.P.I. to Meet In Tulsa May 19

—Continued from page 4

sessions for members of its executive and program committees.

Divisional sessions will be resumed Thursday morning. The division of production is to consider depth-pressure data, chemical treatment of oil sands, and review of gravel-packing methods. The division of refining will discuss fuels, with reference especially to evaluation of diesel fuels and reports of 1940 road detonation tests. On Thursday afternoon the division of production will discuss production technology and materials. The division of refining will hold no Thursday afternoon meeting. The semi-annual meeting of the institute's board of directors will be held Wednesday morning.

The mid-year meeting golf tournament, with competition for the "J. Edgar Pew Trophy," will be held at the Southern Hills Country Club. Participants will play each day, Monday through Thursday.

Fertilizer Materials

Fertilizer Season Drawing to a Close in All Sections—Few and Narrow Price Movements Reported — Preliminary Reports Indicate Increased Consumption in 1941

The season for shipment of mixed fertilizers was drawing to a close in most sections of the country last week and there was a consequent slackening of interest in raw materials. Deliveries of most products during the period were small and irregular. Prices on the whole were little changed. Dried manhaden futures were higher. Freight rates caused an advance in imported raw bone. Chicago blood and cottonseed meal in the Southeast were lower.

That 1941 was a better fertilizer year than 1940 seemed to be an established fact last week. Latest reports from the South are optimistic, with present indications of an increase of about 5 percent. In the Middle Atlantic and Northeastern states only a few reports indicate a decrease in fertilizer consumption and the general consensus of opinion seems to be that total sales will be greater. A rising trend was noted in the Midwest, also. Reports from the West Coast indicate that fertilizer tonnage will be about 10 percent greater than last year.

Nitrogenates

Ammonia Phosphate. — Demand slackening. Material scarce. Price firm.

Anhydrous Ammonia.—Smaller offerings. Less interest. Price steady.

Castor Pomace.—Demand and offerings unchanged. Price steady.

Cyanamid. — Movement narrow. Scarce and unchanged.

Dried Blood.—Reduced 10c. per unit at Chicago to $3.40. Less interest in offerings.

Fish Scrap.—Several hundred tons of dried menhaden futures sold at $4.35 and 10c. per unit, f.o.b. Chesapeake Bay factories, an advance of 10c.

Manganese Sulphate.—Few new developments. Demand smaller. Price unchanged.

Nitrate of Soda.—Shipments light. Price steady.

Nitrogenous Material.—Steady and unchanged. Demand narrow.

Sulphate of Ammonia.—Interest tapering off. No export sales. Price unchanged.

Tankage.—No changes reported. Demand smaller.

Potashes

The market for potash salts was not very active during the period under review. Stocks in the hands of suppliers were very small. Resale material was available at about $2 per ton above the list prices.

Phosphates

Bone Materials.—High freight rates continued to give strength to prices on imported bone. The raw material was advanced $2.50 per ton to $37.50. Domestic grades were firm and unchanged.

Phosphate Rock.—Demand small. Prices steady.

Superphosphate. — Movement fair. Prices firm.

Price Changes

Advanced

Bone, raw, imp., $2.50 per ton.
Fish scrap, dried menhaden, futures, 10c. per unit, f.o.b. Chesapeake Bay factories.

Reduced

Blood, dried, dom., 10c. per unit, f.o.b. Chi.
Cottonseed meal, 8%, Southeast mills, 50c. per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials, the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.0	68.0	68.0	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Sulphur and Pyrites

Market routine. Price firm. United States production of crude sulphur in 1940 totaled 2,732,088 long tons, a 31 percent increase over the 1939 figure of 2,090,979, according to the Bureau of Mines. The 1940 shipments were 2,558,742 long tons, valued at about $40,900,000, against 2,233,817 tons, valued at about $35,500,000 in 1939. Stocks at the mines rose from 4,000,000 long tons at the close of 1939 to 4,200,000 on December 31, 1940. Exports of crude sulphur totaled 746,468 long tons in 1940, against 627,819 in 1939, an increase of 19 percent.

Markets at Other Centers

Atlanta—May 9

Light spot demands for materials continue. Quotations on leading fertilizer materials show little change over the week.

SUPERPHOSPHATE.—Unchanged. Demand light.

NITRATE OF SODA.—Bulk, ports, $27 per ton.

SULPHATE OF AMMONIA.—Some still available at $1 above list price.

COTTONSEED MEAL.—$26 ton, Southeast.

NITROGENOUS.—$1.70 per unit, Midwestern shipping points.

BLOOD.—South American, $3.10 unit, c.i.f.

TANKAGE.—South American, $3.75 and 10c., c.i.f.

Bay at $4.35 and 10c. per unit-ton, f.o.b. factory. Menhaden meal is held at $61 to $62 per ton in carload lots.

SUPERPHOSPHATE.—Movement slow at $8 per ton for run-of-pile and $8.50 for 16 percent milled and screened supplies.

TANKAGE.—Market quiet, with last sales at $3 and 10c. per unit-ton.

DRIED BLOOD.—Unchanged and quiet, with last transactions closed at $3.25 per unit-ton, and with offers light. South American supplies are available for shipment at $3.10 per unit-ton.

Chicago—May 9

Easing of tone and rate of business has been taking place in certain sections of

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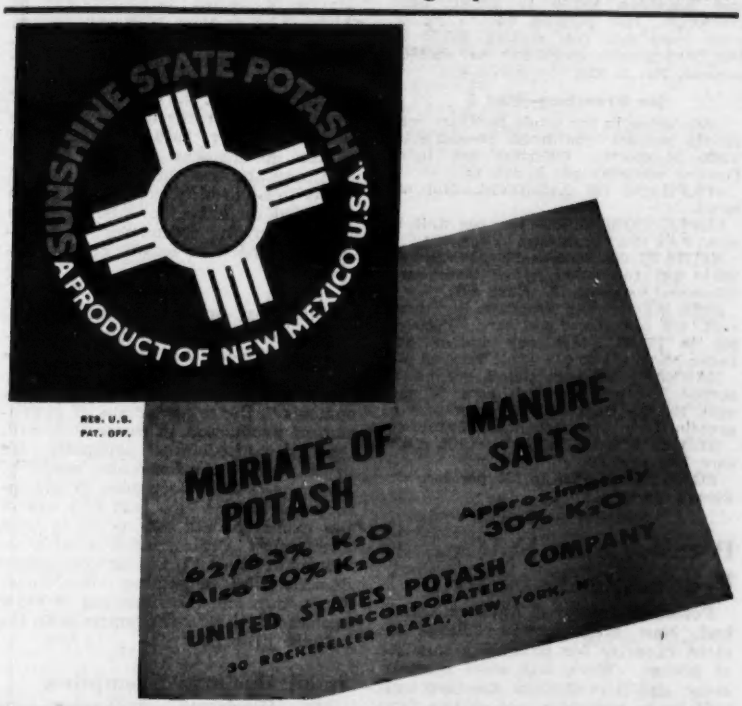

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Fertilizer Tag Sales: April

	P.C. of	Equivalent tons April			P.C. of	Equivalent tons January-April		
	1940.	1941.	1940.	1939.	1940.	1941.	1940.	1939.
Virginia	110	88,746	80,608	90,905	105	260,219	248,391	270,098
North Carolina	107	350,187	326,244	371,434	103	914,875	884,556	1,003,967
South Carolina	117	169,509	145,278	173,192	106	604,763	569,638	584,871
Georgia	118	209,988	178,641	160,368	110	728,372	657,524	615,153
Florida	126	47,986	38,037	20,911	118	251,891	214,044	188,900
Alabama	132	255,100	193,050	195,800	104	526,950	506,000	497,400
Mississippi	201	90,785	45,257	117,775	122	294,037	241,270	257,375
Tennessee	128	67,645	52,772	44,493	116	107,663	92,454	91,954
Arkansas	159	31,400	19,750	12,000	121	104,200	85,950	62,900
Louisiana	165	41,300	25,100	27,751	110	140,280	127,411	120,801
Texas	182	37,295	20,540	17,640	110	107,092	97,556	76,674
Oklahoma	701	841	120	10	163	8,637	5,293	6,028
Total South	124	1,390,782	1,125,397	1,232,279	108	4,043,929	3,750,107	3,778,121
Indiana	110	24,622	22,357	17,313	118	160,309	135,376	111,606
Illinois	66	9,299	14,129	3,862	114	30,328	26,636	19,888
Kentucky	164	31,038	18,983	20,815	130	76,787	59,094	61,823
Missouri	268	5,048	1,882	2,062	138	35,531	25,770	20,827
Kansas	140	400	285	5	205	5,433	2,653	1,320
Total Midwest	122	70,407	57,636	44,057	124	308,388	249,529	215,466
Grand Totals	124	1,461,189	1,183,033	1,276,336	109	4,352,317	3,999,636	3,993,587

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Baltimore—May 9

The market for crude fertilizer materials is quite steady, with buying not as active as might have been expected.

FISH SCRAP.—Sales of several hundred tons on a when-and-if-made basis have been reported from Chesapeake the fertilizer materials market recently. Prices are about unchanged on most materials. Blood is quiet but moving well. Tankage business is fair. Inquiry is good for bone materials.

BLOOD.—Principal grade, $3.40 per unit.

TANKAGE.—High grade, feeding, $3.50 and 10c.; hoof-meal, $2.75 to $2.80; liquid stick, $1.75 to $1.80.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $40; 3 and 50 percent, $35; 4½ and 50 percent, $34; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $32.50 to $37.50; beef cracklings, soft pressed, $40 to $42.50; pork cracklings, soft pressed, $42.50 to $45; hard pressed cracklings, per unit of protein, 75c. to 85c.

San Francisco—May 9

Undertones in the crude fertilizer materials market continued strong, but trade is spotty. Offerings are light. Feeding materials are in fair call.

SULPHATE OF AMMONIA.—Not offered.

SUPERPHOSPHATE.—80c. per unit in bulk, f.o.b. San Francisco. Bags, 91c.

NITRATE OF SODA.—100-pound bags, $29.40 per ton ex-vessel or warehouse. 167-pound bags, $28.70. Bulk, $27.

FISH MEAL.—San Francisco Bay meal, spot, $75 per ton, f.o.b. cars. Futures, $65 to $67.50. Monterey and/or San Pedro meal, $71 to $72, spot; futures, $64.

TANKAGE.—Dry rendered, ground, 50 percent, $50 per ton, f.o.b. cars; 55 percent, $52.50. Unground, 80c. per unit of protein, f.o.b. cars, South San Francisco.

BLOOD MEAL.—$3.25 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—$29 to $35 per ton, delivered ports.

Potash Co. to Enlarge Production Capacity

Potash Company of America, Carlsbad, New Mexico, will enlarge its plant capacity for producing muriate of potash. Work will start immediately, and it is thought the new unit will be in operation not earlier than some time in November, 1941.

The company, in announcing the plans for capacity expansion, commented:—

Until recently it was thought that the capacity for producing muriate of potash in the United States was ample to supply domestic requirements, but with increasing consumption in Continental United States, its territories, Cuba and the Dominion of Canada, which American producers feel obligated to supply, and with the prospect that they may be called upon to ship muriate to Great Britain and Dominions other than Canada, it is felt that to insure against a possible shortage, additional production capacity should be provided, as a contribution toward maintaining agricultural output at a level consistent with the emergency demands being made upon it.

Eastman Kodak Elects T.J. Hargrave President

Thomas J. Hargrave has been elected president of the Eastman Kodak Company, succeeding Frank J. Lovejoy, who has been named chairman of the board, and William J. Stuber has been advanced to the newly created post of honorary chairman.

Albert F. Sulzer, formerly vice-president and assistant general manager, has been made general manager as well as continuing as vice-president. Dr. Albert K. Chapman, assistant vice-president, was also named assistant general manager. Milton K. Robinson, assistant secretary, was elected secretary and William F. Shepard named to succeed him.

Mr. Hargrave is a lawyer and served in the first World War as captain. He is a native of Wymore, Neb., and is a graduate of the University of Nebraska. He became general counsel for Eastman Kodak in 1928 and vice-president in 1932.

Mr. Lovejoy joined the company in 1897, and advanced by successive steps to the presidency in 1934. Mr. Stuber started with the company in 1894, became its president in 1925 and chairman of the board in 1934.

Mr. Sulzer entered the employ of Eastman Kodak in 1901 as an assistant chemist. He became a vice-president in 1934 and assistant general manager in 1936.

Alcohol Differential Tax Asked at House Hearing

—*Continued from page 3*

Capt. McGovern, with whom I am personally acquainted, is without a doubt, as well informed in respect to the subject under discussion as is any one who might appear before us, and the fact that he does not represent any commercial interests which would be affected by the reduction provided for in H.R. 3383 should, in my opinion, make his views particularly appealing to our committee. Capt. McGovern, of course, is willing to supplement this correspondence by appearing before our committee if invited to do so.

Base Credit for Profit

James F. Stiles, vice-president of Abbott Laboratories, Chicago, urged the adoption of a new method of determining normal profits in computing credit under the excess profits tax law. He proposed that the average ratio of payroll to net profits during the base period of 1936 to 1939 be determined by the government for use in determining the base credit for normal profits to be used in computing credit permitted on excess profits, in order to aid "growing companies" in meeting the burden of excess profits taxation.

Henderson on Tax Changes

Leon Henderson, administrator, Office of Price Administration and Civilian Supply, requested the committee to try to fit the proposed tax changes to the requirements of expansion of production in connection with the national defense program. He urged that an attempt be made to close the present loopholes in the individual income tax, that full use of the excess profits tax be made with an increase in rates, and a suitable increase in excise taxes on consumers' durable goods competing with defense production and the dropping of other excises which do not compete with the defense program.

Small Business Exemption

Mr. Henderson emphasized the necessity for getting more revenue from the excess profits tax. This tax can and should be made "one of the main pillars" of this year's revenue act and can yield a substantial portion of the additional revenue needed, he said. Pointing out that most of the excess profits tax revenue will come from the large corporations, Mr. Henderson suggested reducing the burden on small companies and on the Treasury by writing in a broad exemption of small business, drawing the line at $25,000 and not even requiring the filing of an excess profits tax return if income for normal tax purposes is under that amount.

Discussing the present excess profits tax act, he said:—

"The outstanding defect of the present law, in my opinion, is the choice between the unlimited income method and the invested capital method of computing 'normal' profits. I confess a leaning toward a ceiling of ten percent on invested capital as the amount of profit that can be called 'normal.' At present there is no ceiling at all; the sky is the limit. A change might be made in the invested capital method too. The base could be confined to equity capital and the percentage allowed as 'normal' reduced to six percent. To take care of corporations which have violent ups and downs, the period for carrying-over losses could be extended. It is now two years; that could be lengthened to five years. A six percent rate, over good times and bad, seems reasonable to me.

"My last major suggestion on the excess profits tax is that the rate of tax ought to be raised. If the excess profits tax is sufficiently stiffened it might be unnecessary to introduce the proposed corporate surtax which hits corporations without regard to their profitability and previous experience. If not, there will then be reason to increase the taxation of all corporations which make any profit at all."

Effective Excess Profits Tax

Marriner S. Eccles, chairman of the board of governors of the Federal Reserve System, supported Mr. Henderson's program, stating that an effective excess profits tax is "the keystone of a well-balanced tax program." He told the committee that revenues of from $800,000,000 to $1,000,000,000 could be realized from the excess profits tax by a few important amendments. To achieve this result Mr. Eccles suggested restriction of the use of the income method of computing excess profits credit, a sharp increase in rates now applicable excess profits and revision of the tax brackets used in the present law, and reduction of the rate of return allowed under the invested capital method of computing the excess profits credit from the present figure of 8 to 6 percent.

Increase in excises on gasoline, distilled spirits and other commodities that are in abundant supply will make no significant contribution to the defense effort, the Federal Reserve head declared. Instead, he proposed, taxes should be imposed only on consumers, durable goods with the rates to be "substantial" and fixed to achieve curtailment of civilian demand.

Philip LoBue, of the Joseph Turner Company, Ridgefield, N. J., became the father of a daughter April 29. Mrs. LoBue and the newcomer, Bonnie Ann, were reported doing nicely.

Obituaries

O. C. Huffman

Oscar Caperton Huffman, president of the Continental Can Company, this city, died May 5. He was sixty-four years old.

Born in Augusta county, Va., Mr. Huffman attended Washington and Lee University, Lexington, Va., from which he also was awarded later in

O. C. Huffman

life an honorary degree. In 1903 he organized and became president of the Virginia Can Company, Buchanan, Va., serving as its president until 1916. In the meantime he had moved to Cincinnati, where, in 1908, he formed the United States Can Company, of which he was also president. In 1928 the company was merged with Continental Can Company with Mr. Huffman becoming vice-president of the Continental Can Company and in March, 1930, he was made president. He was named chairman of the executive committee in 1939.

Surviving are his wife, a daughter and a son, Oscar Huffman.

Clarence F. Booth

Clarence F. Booth, director of the perfume division of Fritzsche Brothers, Inc., this city, died May 2 at his home in Floral Park, Long Island.

Mr. Booth was born in Brooklyn forty-nine years ago, the son of Edwin T. Booth, also a well-known perfumer. Graduating from Polytechnic Institute of Brooklyn, the younger Booth had his first training in the art of perfuming under the tutelage of his father who was then the perfumer for Vantines, Inc. Following this experience he was employed as perfumer by John Wanamaker and developed many important additions to their line. Thereafter, for a short time, Mr. Booth was with the Aubrey Sisters, but left to join his brother, Edwin, and together they developed the Lauria Line for Russel & Company. Pfaltz & Bauer later obtained his services for the development of their perfume division. Mr. Booth's last connection was with Fritzsche Brothers, with whom he had been associated for the fifteen years prior to his death.

Surviving Mr. Booth are his wife, Helen; a daughter, Dorothy; a son, Robert; his mother, Mrs. Anna Booth; a brother, Edwin T. Booth, of Mamaroneck, secretary of Aromatic Products, Inc.; and two sisters, Mrs. Arthur Batchellor and Miss Estelle Booth, both of Floral Park.

Harry O. Gibson

Harry O. Gibson, president of the Gibson-Holman Company and of the Continental Products Company, paint manufacturer, Cleveland, died there last week. He was sixty-one years of age. Mr. Gibson started in the paint trade with Sherwin-Williams Company at its Newark office. Later he was manager of the Atlantic Paint Company, subsidiary of the Atlantic Refining Company. He was a former president of the Cleveland Paint, Varnish and Lacquer Association and a member of its board for twenty years.

Milton W. St. John

Milton W. St. John, manager of sales of by-products for the Jones & Laughlin Steel Corporation, Pittsburgh, died May 1. He was fifty-two years old. Serving in the United States Army during the first World War, he came to Jones & Laughlin in 1919 as manager of sales of by-products, remaining in that capacity until his death. He was graduated from School of Chemical Engineering of New York University.

Surviving are his wife, two sons, Milton W., jr., and Robert Gibson St. John, and three sisters.

Frederick E. Curtze

Frederick E. Curtze, chairman of the board of the Columbian Carbon Company, this city, died May 7 in his Erie, Pa., home, after an illness of several years. He was eighty-three years of age. Mr. Curtze was president of the company from 1914 until 1940. He also had been president and a director of the Coltex Corporation, Columbian Gasoline Corporation and Southern Gas Line, Inc., and a vice-president and director of the La Del Oil Properties.

John E. Bernhard, general sales supervisor for Lever Bros., Inc., soap manufacturer, Cambridge, Mass., died in Syracuse May 4, at the home of a son. He was sixty-one years old.

John J. Conaty, a department superintendent in the Elizabeth (N. J.) plant of the Phelps Dodge Refining Company, died May 6. He was forty-three years of age.

Mrs. Ione Daggett, wife of V. Chapin Daggett, formerly head of Daggett & Ramsdell Co., now a subsidiary of Standard Oil Co. of N. J., died April 25 at her home in Kew Gardens, N. Y.

Henry W. Ellerson, president of the Albemarle Paper Manufacturing Company, Richmond, Va., died May 6 at his home near there after a short illness. He was sixty-five years of age.

Charles J. Greiner, supervisor of the Hopewell, Va., plant of the Solvay Process Company, this city, died May 5 at Hopewell. He was fifty-seven years of age.

Mrs. Lucy W. Irelan, wife of Singer B. Irelan, of the Cities Service Company, petroleum products, this city, died last week after a short illness at her home in Queens. She was fifty-one years of age.

Dr. John A. Marshall, biochemist and national authority on military explosives, was found dead May 7 on the floor of a tiny darkroom off his laboratory at the University of California, apparently a victim of poison fumes coming from a shallow pan of liquid chemicals. He was fifty-six years of age.

Arthur W. Miller, vice-president and general manager of the Pathe Laboratory, Bound Brook, N. J., died May 3 in his home in Cranford, N. J. He was fifty-three years old. Mr. Miller had been with the Pathe firm for thirty-eight years, beginning as an errand boy. Surviving are his wife, a son, and a daughter.

Dr. Samuel B. Stone, assistant professor of chemistry at Brooklyn College, and former research chemist for the United States Rubber Company and The Barrett Company, died May 6 at Tucson, Ariz., where he had been engaged in research at the University of Arizona. He was fifty-five years of age.

Phineas R. Wheeler, retired sales manager for the Franklin Paper Company, Holyoke, Mass., died there May 7. He was seventy-one years old.

Industrial Uses of Chemicals and Related Materials

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Seven-hundred-forty-eighth Recapitulative Instalment

Alphanaphthyl Isothiocyanate

Insecticide

Toxic agent in—
- Oil sprays for eliminating insects from the interior of warehouses and stored packing cases
- Spray products for various insects

Toxic agent said to be—
- Stable to oxidation and sunlight
- Storable for a considerable time without loss of toxicity

Butylmesityl Oxide-Oxalate

Chemical

As a solvent

Insecticide

Powerful solvent for—
- Rotenone
- Rotenone-containing extractives

Solvent claimed to possess—
- Insecticidal properties (also said to have no effect when ingested and no ill effect on the human skin)

Dipropyl Disulphide

Petroleum

Stabilizing agent (Brit. 462146) for—
- Viscous, highly refined mineral oils, such as transformer oils, lubricating oils, and the like

Ethylpolychlorobenzene

(Said to consist of ethyltetrachlorobenzene and ethylpentachlorobenzene in approximately equal proportions)

Chemical

Suggested for use as—
- Heat-transfer medium
- Reactant in organic synthesis

Electric

Suggested as dielectric in—
- Electric condensers

Lubricant

Suggested for use as—
- Noninflammable lubricant

Mechanical

Suggested fluid for—
- Pressure-control mechanisms

Suggested for use as—
- Heat-transfer medium

Miscellaneous

Suggested for use as—
- Heat-transfer medium possibly of interest to—
  - Building materials producers
  - Chemical plants
  - Dental products plants
  - Dyemaking plants
  - Enamelling plants
  - Food plants
  - Oil plants
  - Paint and varnish plants
  - Paper-coating plants
  - Plastic plants
- Processors of chemicals, gilsonites, asphalts and their various compounds, rosin, mineral and vegetable waxes, food products, resins, plastics, greases, and other products
- Soapworks
- Starch plants
- Users of autoclaves, tanks, kettles, rotary driers, coating machines, jacketed piping, saturating machines, impregnating machines, starch roasters, heating, baking and drying equipment where continuous and uniform heat application is required; melters, digesters, distillation equipment, steam-reheating equipment, evaporators, heat-storage equipment
- Utilities' generating stations
- Vegetable oil plants

Ethylpyridin

Chemical

Preventer (Brit. 502838) of—
- Decomposition of chlorinated organic solvents in vapor form, either by moisture or by metals, when used in degreasing, cleaning, or extraction operations

Reactant in—
- Organic syntheses

Stabilizer (Brit. 502838) for—
- Chlorobenzene
- Dichlorobenzene
- Dichloroethane
- Tetrachloroethane
- Tetrachloroethylene
- Tetrachloromethane
- Trichloroethane
- Trichloroethylene
- Trichloromethane

Methylphthalyl Ethylglycolate

Adhesives

Solvent for plasticizer in—
- Adhesive compositions containing cellulose acetate or nitrocellulose

Ceramic

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used as coatings for protecting and decorating ceramic products

Chemical

Solvent or plasticizer for—
- Cellulose acetate
- Nitrocellulose

Cosmetic

Solvent or plasticizer in—
- Nail enamels containing nitrocellulose

Electrical

Solvent or plasticizer in—
- Insulating compositions, containing cellulose acetate or nitrocellulose, used for covering wire and in making electrical machinery and equipment

Glass

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Leather

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Solvent or plasticizer in—
- Coating compositions, containing cellulose acetate or nitrocellulose, used for protecting and decorating metallic articles

Miscellaneous

Solvent or plasticizer in—
- Coating compositions, containing cellulose acetate or nitrocellulose, used for protecting and decorating articles of various sorts

Paint, Varnish, and Lacquer

Solvent or plasticizer in—
- Paint, varnishes, lacquers, enamels, and dopes containing cellulose acetate or nitrocellulose

Paper

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of coated papers and as coating for decorating and protecting articles made of paper or pulp

Photographic

Solvent or plasticizer in making—
- Films from cellulose acetate or nitrocellulose

Plastics

Solvent or plasticizer in making—
- Laminated fiber products
- Molded products
- Plastics from nitrocellulose or cellulose acetate

Resins

Solvent or plasticizer for—
- Resin-nitrocellulose compositions
- Some resins

Rubber

Solvent or plasticizer in—
- Coating compositions, containing cellulose acetate or nitrocellulose, used for decorating and protecting rubber goods

Stone

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used as coatings for decorating and protecting artificial and natural stone

Textile

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used in the manufacture of coated fabrics

Wood

Solvent or plasticizer in—
- Compositions, containing cellulose acetate or nitrocellulose, used as protective and decorative coatings on woodwork

2-Methyl-5-pyridyl-Mercuric Chloride

Adhesives

Suggested as preservative for—
- Adhesive compositions
- Adhesive substances

Cosmetic

Suggested as preservative and disinfectant for—
- Creams
- Emulsions
- Face powders
- Ointments
- Other preparations

Disinfectant

Germicide having the following characteristics—
- Maximum effective dilution, parts water per part mercurial:
  - Staphylococcus aureus, 400,000
- Relatively low host toxicity

Glue and Gelatin

Suggested as antimold agent for—
- Glue
- Gelatin

Ink

Suggested as preservative for—
- Drawing inks
- Emulsified inks
- Lithographic inks
- Printing inks
- Writing inks

Insecticide and Fungicide

Suggested as disinfectant for—
- Plant seeds

Miscellaneous

Suggested as antimold agent for—
- Glue

Paint, Varnish, and Lacquer

Suggested as antimold agent for—
- Glue sizes

Paper

Suggested as antimold agent for—
- Coating compositions
- Glue sizes

Soap

Suggested as disinfectant and preservative for—
- Soaps
- Soapstocks

Phonolite

(A volcanic mineral which occurs fairly plentifully in the Eifel, the southern parts of the Black Forest, the Vogelsberg, and the Sudetan districts of Europe)

Glass

Raw material in making—
- Bottles for beer, wine, and mineral waters

Metallurgical

Source of—
- Alumina (in Germany, now being advanced from pilot plant stage)
- By-products, namely—
  - Calcium silicate in a form said to be highly suitable for cement manufacture
  - Potassium carbonate
  - Sodium carbonate

Silver Fluosilicate

(Fluosilicate d'Argent, Fluosilicato di Argente, Fluosilicato de Plata, Kieselfluorwasserstoffsaures Silber, Silberfluosilicat, Silver Silicofluoride)

Disinfectant

Antiseptic

Bactericide (said to sterilize water in a dilution of 1 in 500,000)

Water and Sanitation

Sterilizer for—
- Water (said to be used abroad)

Silver Pectinate

Disinfectant

Claimed (Brit. 502403) as—
- More dispersible in water than pictin itself
- Toxic to bacteria but harmless to the human body

Stearylaminoamino-oxazolidin Hydrochloride

Rayon

Delustering agent (Brit. 503548) for—
- Viscose rayon

Tributyl Phosphate, Chlorinated

Petroleum

Stabilizing agent (Brit. 448424) for—
- Lubricating oils used in extreme pressure and other exacting conditions

Tricresyl Phosphate, Chlorinated

Petroleum

Stabilizing agent (Brit. 448424) for—
- Lubricating oils used in extreme pressure and other exacting conditions

Zinc Pectinate

Disinfectant

Claimed (Brit. 502403) as—
- More dispersible in water than pectin itself
- Toxic to bacteria, but harmless to the human body

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2,193 bgs, Johns-Manville Corp, Capetown

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5 dms, Cristobal
20 cs, Wessel, Duval & Co, Cristobal

BARBASCO ROOT—470 bls, Wessel, Duval & Co, Iquitos

BEEF EXTRACT—200 cs, W Fischer, Inc, Buenos Aires
25 cs, International Product Corp, Buenos Aires

BERYLIUM—417 cs, National City Bank, La Guaira

BONES—2,311 bgs, Eastman Gelatine Corp, Rio Grande
863 bgs, Rio Grande
40 bgs, Schmitt Co, Rio Grande
1,893 bgs, American Agricultural Chem Co, Barranquilla

BRISTLES—4 cs, F H Cone & Co, Kobe
10 cs, M R Ziegler, Kobe
5 cs, M Broverman & Son, Kobe
10 cs, F H Cone & Co, Kobe
50 cs, M Broverman & Son, Dairen
25 cs, S Hirshenhorn & Son, Dairen
25 cs, M Broverman & Son, Dairen
9 cs, M Broverman & Son, Shanghai
10 cs, N Wagman & Co, Shanghai
100 cs, F H Cone & Co, Hongkong
100 cs, F H Cone & Co, Hongkong
63 cs, Bowring & Co, Rangoon
57 cs, Bowring & Co, Rangoon
5 cs, M Broverman & Son, Rangoon
4 cs, Amstein Import Corp, Buenos Aires

BUCHU LEAVES—9 bls, R J Prentiss & Co, Capetown

CAMPHOR, REF'D—300 cs, Mitsubishi Shoji Kaisha, Kobe
200 cs, McKesson & Robbins, Kobe
200 cs, Vick Chem Co, Kobe

CANARY SEED—394 bgs, Kniper & Bolle, Buenos Aires
423 bgs, H S Cramer & Co, Buenos Aires
394 bgs, Kniper & Bolle, Buenos Aires
254 bgs, A G Dunn, Buenos Aires

CASEIN—1,000 bgs, A Hurst & Co, Montevideo
417 bgs, C W Burckhalter, Buenos Aires
417 bgs, H S Cramer & Co, Buenos Aires
1,020 bgs, Casein Co of America, Buenos Aires
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500 bgs, A Hurst & Co, Buenos Aires
167 bgs, Kurt Fleischner, Buenos Aires
600 bgs, A Hurst & Co, Buenos Aires
303 bgs, Transatlantic Animal By-Product Corp, Buenos Aires
417 bgs, A Hurst & Co, Buenos Aires
500 bgs, H S Cramer & Co, Buenos Aires

CASSIA—150 bls, Arnhold & Co, Hongkong
BROKEN—25 bls, Wood & Selick, Hongkong
250 bls, I S Toledano & I M Pinto, Inc, Hongkong

BUDS—50 bgs, Knickerbocker Mills Co, Hongkong
ROLLS—100 bls, Gillespie & Co, Hongkong

CASTOR BEANS—3,400 bgs, Baker Castor Oil Co, Fernambuco
3,400 bgs, Spencer Kellogg & Sons, Pernambuco
463 bgs, Port Prince
1,700 bgs, Baker Castor Oil Co, Rio de Janeiro
1,818 bgs, Guaranty Trust Co, Rio de Janeiro
1,000 bgs, Baker Castor Oil Co, Rio de Janeiro
3,741 bgs, Baker Castor Oil Co, Rio de Janeiro
2,347 bgs, Baker Castor Oil Co, Rio de Janeiro

CHEMICALS—27 bbls, J E Bernard & Co, Lisbon
5 cs, Fred Henjes, Kobe
4 cs, Anglo French Drug Co, Buenos Aires
3 cs, American Express Co, Buenos Aires
13 cs, D C Andrews & Co, Buenos Aires
5 cs, B L Lemke, Vera Cruz

CHILLIES—134 bgs, Volkert Bros, Kobe
41 bgs, Volkert Bros, Kobe
131 bgs, Zanzibar

CHROME ORE—3,500 tons, E J Lavino & Co, St Cruz
5,005 tons, 16 cwts, 1 qtr, 25 lbs, F Samuels & Co, Lourenco Marques

CLOVES—200 bls, Zanzibar
100 bls, Zanzibar

COCOA BEANS—250 bgs, Transmarine Mercantile Corp, Cape Haitien
250 bgs, Gillespie & Co, Cape Haitien
163 bgs, W & A Leaman, Cape Haitien
700 bgs, National City Bank, Bahia
1,800 bgs, Middleton & Co, Bahia
150 bgs, Guaranty Trust Co, Belem
2,093 bgs, Daarnhouwer & Co, La Guaira
1,700 bgs, Wessel, Kulenkampf & Co, Bahia
3,000 bgs, General Cocoa Co, Bahia
7,000 bgs, A C Israel Commodity Co, Bahia
7,500 bgs, Nieschlag & Co, Bahia
2,000 bgs, A C Israel Commodity Co, Bahia
300 bgs, Bahia
104 bgs, Struller & Wood, Port Prince
1,000 bgs, General Cocoa Co, Trinidad
40 bgs, Balfour, Guthrie & Co, Trinidad
500 bgs, General Cocoa Co, Trinidad
125 bgs, August A Lindo, Port Limon

COCOA BEANS—383 bgs, General Cocoa Co, Lisbon
320 bgs, General Cocoa Co, Lisbon
500 bgs, Kennedy, Butcher & Co, La Guaira
250 bgs, Farr & Co, La Guaira
200 bgs, Machardo & Co, La Guaira
500 bgs, Nieschlag & Co, Puerto Cabello
342 bgs, Guayaquil
1,500 bgs, W R Grace & Co, Guayaquil
500 bgs, Guayaquil
331 bgs, W R Grace & Co, Guayaquil
200 bgs, Cristobal
500 bgs, Middleton & Co, Cristobal
250 bgs, Wessel, Kulenkampf & Co, Cristobal
250 bgs, Daarnhouwer & Co, Cristobal
500 bgs, Cristobal
3,000 bgs, Fruit Dispatch Co, Port Limon
400 bgs, August A Lindo, Port Limon
5,750 bgs, United Fruit Co, Port Limon
500 bgs, Ultramares Corp, Guayaquil
250 bgs, Middleton & Co, Trinidad
250 bgs, Wood & Selick, Trinidad
370 bgs, Puerto Cabello
250 bgs, Wessel, Kulenkampf & Co, Guayaquil
250 bgs, General Cocoa Co, Guayaquil
1,000 bgs, Rohner, Gehrig & Co, Curacao
100 bgs, Daarnhouwer & Co, Curacao
250 bgs, Wessel, Kulenkampf & Co, Curacao
250 bgs, Daarnhouwer & Co, Curacao
500 bgs, Nieschlag & Co, Curacao
250 bgs, Wessel, Kulenkampf & Co, Curacao

COCOABUTTER—500 cs, Philadelphia National Bank, Bahia

COCONUT, DESIC—582 bgs, General Food Corp, Manila
1,200 cs, Philippine Desic Coconut Corp, Manila
1 bg, Philippine Desic Coconut Corp, Manila
3,804 bgs, General Food Corp, Manila
1,304 bgs, Durkee Famous Food, Manila
1,196 bgs, General Food Corp, Manila
1,183 bgs, Durkee Famous Food, Manila
400 bgs, Balfour, Guthrie & Co, Manila
450 bgs, Balfour, Guthrie & Co, Manila
300 bgs, Balfour, Guthrie & Co, Manila

COCONUTS—150 bgs, I L Toledano Corp, Cristobal

COLOMBO ROOT—30 bgs, R J Prentiss & Co, Lourenco Marques
100 bgs, S B Penick & Co, Lourenco Marques
80 bgs, R J Prentiss & Co, Lourenco Marques

COPAIBA BALSAM—60 cs, Manaos

CORK—3 bls, Hensel, Bruckmann & Lorbacher, Lisbon
900 cs, Armstrong Cork Co, Seville
1 bg, Kaufman Co, Lisbon
80 bgs, Mundet Cork Corp, Lisbon
72 bgs, Mundet Cork Corp, Lisbon

DISCS—14 bgs, United Fruit Co, Lisbon
70 bgs, United Fruit Co, Lisbon

SLABS—115 bls, F Barti & Co, Seville
700 bls, Dodge Cork Co, Seville
960 bls, Dodge Cork Co, Seville
250 bls, F Marti & Co, Seville

VIRGIN—13,800 bls, Armstrong Cork Co, Lisbon
300 bls, Mundet Cork Corp, Lisbon

WASTE—1,320 bls, Armstrong Cork Co, Lisbon
340 bls, Mundet Cork Corp, Lisbon
8,080 bls, Armstrong Cork Co, Lisbon
385 bls, Wicander & Co, Seville
800 bls, Mundet Cork Corp, Lisbon
875 bls, Mundet Cork Corp, Lisbon
380 bls, Cox & Fahner, Lisbon
970 bls, Mundet Cork Corp, Lisbon
200 bls, Mundet Cork Corp, Lisbon

WOOD—205 bls, Mundet Cork Corp, Lisbon
200 bls, Armstrong Cork Co, Lisbon
163 bls, Atlantic Pacific Mfg Corp, Lisbon
344 bls, Lisbon
606 bls, Lisbon
525 bls, Chase National Bank, Lisbon
200 bls, Wicander & Co, Lisbon
330 bls, Cox & Fahner, Lisbon
552 bls, Chase National Bank, Lisbon
435 bls, Cox & Fahner, Lisbon
100 bls, Wicander & Co, Lisbon

CORUNDUM—557 bgs, Watson Geach & Co, Inc, Lourenco Marques
695 bgs, Watson Geach & Co, Inc, Lourenco Marques
1,833 bgs, Watson Geach & Co, Inc, Lourenco Marques

COTTON LINTERS — 122 bls, Williamson Prod Co, Pernambuco

RESIDUE—206 bls, Williamson Prod Co, Pernambuco
78 bls, First National Bank, Rio de Janeiro

COTTONSEED MEAL — 2,200 bgs, West Texas Cottonoil Co, Santos

CUTTLEFISH BONES—30 cs, Hinton & Co, Yokohama

CYANIDE, PRECIP—20 cs, South American Development Co, Guayaquil

DIVI DIVI—1,000 bgs, John Martland, Ltd, Barranquilla
900 bgs, Wessel, Duval & Co, Cartagena
1,200 bgs, Guaranty Trust Co, Maracaibo

DRUGS, VEGETABLE — 39 bls, Kachurin Drug Co, Buenos Aires
14 bls, Irving Trust Co, Buenos Aires
18 bls, Trust Co of North America, Buenos Aires

DYES, ANILIN—34 dms, Geigy Co, Lisbon
13 bbls, J E Bernard & Co, Lisbon
26 kgs, Carbic Color & Chem Co, Lisbon
7 bbls, 1 cs, Sandoz Chem Works, Lisbon
8 kgs, J E Bernard & Co, Lisbon
63 bbls, 4 cs, J E Bernard & Co, Lisbon
15 dms, Sandoz Chem Works, Lisbon
57 bbls, Geigy Co, Lisbon
30 dms, 1 cs, New York & Cuba Mail S S Co, Lisbon

FENNEL SEED—100 bgs, Max Kornreich, Buenos Aires

FISH LIVERS—150 tins, J D Irwin & Co, Yokohama

FLAXSEED—7,188 tons, 287,520 bus, Rosario
4,642 bgs, 10,212 bus, Buenos Aires
3,816 tons, 152,640 bus, Buenos Aires

GALANGAL ROOT—112 bls, S B Penick & Co, Hongkong

GLANDS—55 cs, Buenos Aires
7 cs, Tupmann, Thurlow & Co, Santos

BEEF SUPRARENAL—21 cs, Swift & Co, Montevideo
12 cs, Swift & Co, Montevideo
142 cs, Swift & Co, Buenos Aires

GLUE, POWDERED—9 bgs, Rohner, Gehrig & Co, Lisbon

GLUESTOCK—262 bls, Karch Import Co, Manila
31 bls, Manufacturers Trust Co, Buenos Aires
273 bls, Manufacturers Trust Co, Vera Cruz
59 bls, E Vadillo Ruiz, Havana

GRAPHITE—276 bgs, National City Bank, Colombo

GUM, CHICLE—636 bls, Mexican Exploitation Co, Vera Cruz
131 bls, Mxeican Exploitation Co, Vera Cruz
486 bls, Mexican Exploitation Co, Vera Cruz
150 bls, Mexican Exploitation Co, Vera Cruz

COPAL — 140 bgs, France, Campbell & Darling, Manila

DAMMAR—140 bgs, G W S Patterson & Co, Singapore
140 bgs, O G Innes Corp, Singapore
50 cs, W H Scheel, Singapore
210 bgs, O G Innes Corp, Singapore
140 bgs, G W S Patterson & Co, Singapore
210 bgs, 25 cs, O G Innes Corp, Singapore
50 cs, G W S Patterson & Co, Singapore

NESPERO—172 bls, Chicle Development Co, Cristobal

HOPS—20 cs, Robin Line, Durban

IPECAC ROOT—27 bgs, Eggers & Heinlein, Cristobal
10 bgs, Murbas Trading Co, Puerto Limon

IRON OXIDE—200 bbls, Reichard-Coulston, Inc, Tangier
80 bbls, Theo Deutz, Tangier
100 bbls, E E Marks & Co, Tangier
250 bbls, C K Williams & Co, Tangier
94 bbls, Wishnick-Tumpeer, Inc, Tangier
400 bbls, Reichard-Coulston, Inc, Tangier
567 bbls, C J Osborn & Co, Tangier
375 bbls, Robinson-Wagner Co, Tangier
100 bbls, Reichard-Coulston, Inc, Tangier
100 bbls, J Lee Smith & Co, Tangier
697 bbls, C K Williams & Co, Tangier
75 bbls, C J Osborn & Co, Tangier
58 bbls, Reichard-Coulston, Inc, Tangier

KETTLE DROSS—486 bgs, Cerro de Pasco Copper Co, Callao

LEAD, CONC—2,335 bgs, South American Development Co, Guayaquil

LOOFAHS—15 bls, Schroeder & Tremayne, Kobe

MANGANESE ORE—1,200 tons, Chase National Bank, Montevideo
14 bgs, Tippenhouer Trading Co, Port Prince
2,032,000 kilos, National City Bank, Coquimbo
26 bgs, American Cyanamid & Chem Co, Coquimbo
56 bgs, American Cyanamid & Chem Co, Coquimbo

MATE—15 cs, J Victori & Co, Buenos Aires
2 bls, J Victori & Co, Buenos Aires

MEAT EXTRACT—10 cs, Buenos Aires

MEDICINAL PREPS—18 cs, Atlantic Freighting Co, Tangier
11 cs, E Fougera & Co, Rio de Janeiro
2 cs, D L Young & Co, Rio de Janeiro

MENTHOL—50 cs, McKesson & Robbins, Kobe
25 cs, Bridges, Neumer & Co, Shanghai
30 cs, Marine Midland Trust Co, Shanghai
20 cs, McKesson & Robbins, Hongkong
20 cs, National City Bank, Hongkong

METAL LEAF—2 cs, Chase National Bank, Osaka

MICA—1 cs, W Brand Co, Rangoon
5 cs, W Brand Co, Rangoon
350 cs, A O Schoonmaker Insulation Co, Buenos Aires
170 cs, D F Young, Buenos Aires
64 cs, J Koppel & Co, Buenos Aires
8 cs, Ford Radio & Mica Corp, Calcutta

BLOCK—30 cs, Otto Gerdau & Co, Calcutta
9 cs, W Brand Co, Rangoon
33 cs, Heyman & Co, Calcutta
48 cs, Gillespie Rogers Pyatt Co, Calcutta
4 cs, Asheville Mica Co, Calcutta
25 cs, O Gerdau & Co, Calcutta
232 cs, Chase National Bank, Calcutta
25 cs, Mercantile Import & Export Co, Calcutta
30 cs, Ford Radio & Mica Corp, Calcutta

DISCS—3 cs, Heyman & Co, Calcutta
10 cs, Ford Radio & Mica Corp, Calcutta
30 cs, Gillespie Rogers Pyatt Co, Calcutta
12 cs, American Mica Works, Calcutta
5 cs, A O Schoonmaker Insulation Co, Calcutta
2 cs, Mercantile Import & Export Co, Calcutta

FILM—30 cs, Schwab Bros, Calcutta
5 cs, Cornelis & Suhr, Calcutta
9 cs, Heymann & Co, Calcutta
75 cs, Wm Brand Co, Calcutta
3 cs, Gillespie Rogers Pyatt Co, Calcutta
41 cs, Mercantile Import & Export Co, Calcutta
139 cs, Ford Radio & Mica Corp, Calcutta

SPLITTINGS—405 cs, Wm Brand Co, Rangoon
100 cs, Cornelis & Suhr, Calcutta
210 cs, Schwab Bros, Calcutta
12 cs, Heymann & Co, Calcutta
80 cs, National City Bank, Calcutta
4 cs, Mercantile Import & Export Co, Calcutta
49 cs, O Gerdau & Co, Calcutta
50 cs, F Baumgardt, Calcutta
474 cs, Ford Radio & Mica Corp, Calcutta
266 cs, Cornelis & Suhr, Calcutta
545 cs, Gillespie Rogers Pyatt Co, Calcutta
1,167 cs, Chase National Bank, Calcutta
350 cs, Ford Radio & Mica Corp, Calcutta
856 cs, Mica Insulator Co, Calcutta
1,340 cs, General Electric Co, Calcutta

MILK, POWD—179 cs, Nestles Milk Prod, Inc, Buenos Aires
200 cs, Nestles Milk Prod, Inc, Buenos Aires
303 cs, Nestles Milk Prod, Inc, Buenos Aires

MUSTARD SEED—1,090 bgs, W R Grace & Co, Coquimbo

NUTGALLS—420 bgs, The Arles Co, Hongkong
168 bgs, The Arles Co, Hongkong
254 bgs, The Arles Co, Hongkong

OIL, ANISE—5 dms, The Arles Co, Hongkong
10 dms, Orbis Product Corp, Hongkong
5 dms, The Arles Co, Hongkong
10 dms, Orbis Product Corp, Hongkong

CAMPHOR—5 dms, P R Dreyer, Kobe
CASSIA—5 dms, Norda Essential Oil & Chem Co, Hongkong
5 dms, Norda Essential Oil & Chem Co, Hongkong

CASTOR—100 dms, Murray Oil Product Co, Bahia
15 dms, Dominion Bank, Bahia
132 dms, Bahia
26 dms, Javandan & Co, Calcutta

CHINAWOOD—336 tons, Universal Trading Corp, Hongkong
284 tons, Universal Trading Corp, Hongkong
2,400 dms, Universal Trading Corp, Rangoon

COCONUT—561 tons, Philippine Refining Corp, Manila
COD—200 dms, Canada
259 cks, Canada

COTTONSEED, SEMI REFD — 520 dms, Superintendence Co, Pernambuco

ESSENTIAL—5 dms, Geo Luecders & Co, Seville
7 dms, Puerto Barrios
3 dms, F W Pabst, Vera Cruz
6 cs, F W Pabst, Vera Cruz

FUEL—10,000 bbls, Asiatic Petroleum Corp, Curacao

LAVENDER—1 dm, Manufacturers Trust Co, Seville
2 dms, Geo Luecders & Co, Seville

LIME, DIST—6 cs, Polack Frutal Works, Trinidad

PEPPERMINT—10 cs, Geo Luecders & Co, Kobe

PETITGRAIN—50 cs, W R Grace & Co, Buenos Aires
50 cs, W R Grace & Co, Buenos Aires
5 dms, Buenos Aires
20 dms, Guaranty Trust Co, Buenos Aires
11 dms, Goudrand Shipping Co, Buenos Aires

ROSEMARY—1 dm, Manufacturers Trust Co, Seville

SANDALWOOD—10 cs, Allondon Bayonne, Inc, Rangoon
5 cs, J Manheimer, Inc, Rangoon

TEASEED—75 dms, Leghorn Trading Co, Shanghai
25 dms, Marine Midland Trust Co, Shanghai
70 dms, Leghorn Trading Co, Shanghai

VEGETABLE — 15 dms, Dominion Bank, Bahia

ORANGE PEEL—25 qr mats, National City Bank, Tangier
140 bgs, Transmarine Mercantile Corp, Cape Haitien
80 bgs, Peek & Velsor, Cape Haitien
50 bgs, Transmarine Mercantile Corp, Cape Haitien
155 bgs, Midland Bank, Cape Haitien
144 bgs, Transmarine Mercantile Corp, Cape Haitien

OX GALLS—13 bbls, Tupmann, Thurlow & Co, Santos

PAPAIN—11 cs, S B Penick & Co, Hongkong
22 cs, Wessel, Duval & Co, Colombo

PAPRIKA—125 bgs, Manufacturers Trust Co, Lisbon
50 bgs, Y B Macedo Stock Co, Lisbon
50 bgs, Lisbon

PEPPER, WHOLE — 21 bgs, Humberto Pavia, Buenos Aires

PYRETHRUM FLOWERS—375 bls, Zanzibar
500 bls, Zanzibar
250 bls, Mombasa

QUEBRACHO EXTRACT—3,465 bgs, International Product Corp, Buenos Aires
1,525 bgs, International Product Corp, Buenos Aires
100 bgs, R J Vogel Co, Buenos Aires
336 bgs, Tannin Corp, Buenos Aires
522 bgs, Tannin Corp, Buenos Aires
13 bls, Tannin Corp, Buenos Aires

QUICKSILVER — 10 flasks, New York & Cuba Mail S S Co, Vera Cruz

RAPESEED—566 bgs, Buenos Aires
394 bgs, H S Cramer & Co, Buenos Aires
95 bgs, S Davis Co, Buenos Aires
378 bgs, Catz American Co, Buenos Aires

ROOT, MED—224 bls, Toledo Express Co, Iquitos

SEAGRASS—10 bls, Marine Midland Trust Co, Hongkong
100 bls, Irving Trust Co, Hongkong

SESAME SEED — 140 bgs, Knickerbocker Mills Co, Shanghai
250 bgs, Archibald & Kendall, Inc, Cristobal

SHELLAC—150 cs, Cornelis & Suhr, Calcutta
100 bgs, Gillespie-Rogers-Pyatt Co, Calcutta
200 bgs, Schwab Bros, Calcutta
400 bgs, Mantrose Corp, Calcutta
200 bgs, Mac Lac Co, Calcutta
25 cs, Mercantile Import & Export Co, Calcutta
1,500 bgs, A Hurst & Co, Calcutta
95 cs, Wm Zinsser & Co, Calcutta
410 bgs, Wm Zinsser & Co, Calcutta
200 bgs, Cornelis & Suhr, Calcutta
125 cs, Mac Lac Co, Calcutta
445 bgs, Wm Zinsser & Co, Calcutta
200 bgs, Mantrose Corp, Calcutta
605 bgs, Wm Zinsser & Co, Calcutta

BUTTON LAC—25 bgs, Gillespie-Rogers-Pyatt Co, Calcutta
50 bgs, Mac Lac Co, Calcutta
50 bgs, Mercantile Import & Export Co, Calcutta

GARNET LAC—35 cs, Wm Zinsser & Co, Calcutta

SEEDLAC—300 bgs, Mantrose Corp, Calcutta
900 bgs, Ding & Schuster, Calcutta
300 bgs, Cornelis & Suhr, Calcutta
300 bgs, Mac Lac Co, Calcutta
200 bgs, Wm Zinsser & Co, Calcutta
200 bgs, Cornelis & Suhr, Calcutta
350 bgs, Mac Lac Co, Calcutta
400 bgs, Mantrose Corp, Calcutta
250 bgs, Wm Zinsser & Co, Calcutta

SOAP—4 pkgs, McKesson & Robbins, Cristobal
17 cs, J Victori & Co, Buenos Aires

SOAPBARK—383 bls, S B Penick & Co, San Antonio

SODA SILICOFLUORIDE—100 bbls, Lisbon

SPONGES—7 bls, Havana

TALLOW—100 bbls, Bank of London South America, Buenos Aires
130 dms, D C Andrews & Co, Buenos Aires
250 bbls, Bank of London South America, Buenos Aires
135 tcs, Armour & Co, Buenos Aires

TANKAGE—7,500 bgs, Swift & Co, Rio Grande

TANNING AGENT—10 bbls, Goudrand Shipping Co, Lisbon
TANTALITE—50 cs, National City Bank, La Guaira
TARA—356 bgs, International Product Corp, Callao
TARTAR—172 bgs, Standard Brands, Lisbon
216 bgs, Albert Mevi, Lisbon
TOLU BALSAM—50 cs, Distributers & Trading Co, Barranquilla
10 cs, United Fruit Co, Barranquilla
TUNGSTEN ORE—100 bgs, Philipp Bros, Capetown
TURMERIC FINGERS—205 bgs, L E Ransom & Co, Rangoon
VALERIAN ROOT—20 bls, Kachurin Drug Co, Kobe
VANADIUM ORE—11,290 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—1 cs, I Herman, Inc, Rio de Janeiro
11 cs, National City Bank, Vera Cruz
22 cs, F Huber & Co, Vera Cruz
12 cs, Dodge & Olcott Co, Vera Cruz
14 cs, Florasynth Lab, Inc, Vera Cruz
WATTLE BARK—2,762 bls, Mombasa
275 bls, Tannin Corp, Durban
EXTRACT—2,063 bgs, Tannin Corp, Durban
WAX, BEES—24 bgs, Bank of New York, Tangier
7 bgs, Curacao Trading Co, Port Prince
20 bgs, Tanga
26 bgs, Andes Trading Prod Co, Coquimbo
38 bgs, W R Grace & Co, Coquimbo
19 bdls, Pan American Export & Import Agency, Puerto Barrios
18 bdls, J A Medina & Co, Puerto Barrios
14 bls, Puerto Barrios
6 bgs, Puerto Barrios
24 bgs, Santos
21 bgs, D Steengrafe, Havana
24 bgs, Havana
9 bgs, Transmarine Mercantile Corp, Cape Haitien
56 bgs, Strohmeyer & Arpe Co., Santos
CARNAUBA—68 bgs, American Cyanamid & Chem Co, Bahia
668 bgs, Midway Chem Co, Rio Janeiro
222 bgs, Guaranty Trust Co, Rio Janeiro
56 bgs, Strohmeyer & Arpe Co, Rio Janeiro
57 bgs, I R Boody & Co, Rio Janeiro
111 bgs, Bank of London South America, Rio Janeiro
223 bgs, Midway Chem Co, Rio Janeiro.
51 bgs, W M Allison & Co, Rio Janeiro
64 bgs, I R Boody & Co, Rio Janeiro
244 bgs, S C Johnson & Son, Rio Janeiro
56 bgs, Innis, Speiden & Co, Rio Janeiro
102 bgs, American Cyanamid & Chem Co, Rio Janeiro
27 bgs, Innis, Speiden & Co, Rio Janeiro
127 bgs, American Cyanamid & Chem Co, Rio Janeiro
145 bgs, W M Allison & Co, Rio Janeiro
56 bgs, Strohmeyer & Arpe Co, Brazil
425 bgs, Strohmeyer & Arpe Co, Brazil
VEGETABLE—100 cs, Strohmeyer & Arpe Co, Kobe
WINE LEES—367 bgs, Lisbon
472 bgs, Lisbon
519 bgs, Lisbon

New York Transit Imports

ALLSPICE—40 bgs, Vera Cruz, Toronto
CASSIA—150 bls, Spragua, Warner & Co, Hongkong, Chicago
COCONUT, DESIC—1,200 cs, Philip Levy, Manila, Bridgeport
3,000 bgs, General Food Corp, Manila. Bridgeport
GALLSTONES—2 cs, Swift & Co, Buenos Aires, Chicago
GLANDS, BEEF, SUPRARENAL—45 cs. Wilson Lab, Buenos Aires, Chicago
LOOFAHS—4 bls, Schroeder & Tremayne, Yokohama, St Louis
MENTHOL—15 cs, W J Bush & Co, Kobe, Montreal
OIL, ESSENTIAL — 3 dms, Verley, Inc Yokohama, Chicago
QUEBRACHO EXTRACT—350 bgs, International Product Corp, Buenos Aires, Cobouto, Ont
2,440 bgs, Tannin Corp, Buenos Aires, Kitchener, Canada
2,400 bgs, Tannin Corp, Buenos Aires, Kitchener, Canada
400 bgs, Tannin Corp, Buenos Aires, Corburg, Ont
TEAWASTE—2,000 bgs, Citro Chem Co, Calcutta, Maywood
VANILLA BEANS—61 cs, Zink & Triest, Vera Cruz, Philadelphia
20 cs, M Cortizas Co, Vera Cruz, Philadelphia
14 cs, Zink & Triest, Vera Cruz, Philadelphia
20 cs, M Cortizas Co, Vera Cruz, Philadelphia
WAX, VEGETABLE — 100 cs, American Cyanamid & Chem Co, Kobe, Charleston

Baltimore Imports

BONEMEAL—448 bgs, Tsingtao
CHROME ORE—4,960 tons, Bethlehem Steel Co, Nuevitas
IRON ORE—5,700 tons, Bethlehem Steel Co, Daiquiri
10,700 tons, Bethlehem Steel Co, Rio Janeiro
4,800 tons, Masinloc
MAGNESITE ORE—20,000 bgs, Dairen
MANGANESE ORE—6,150 tons, Rio Janeiro
8,500 tons, Vizagapatam
2,000 tons, Coquimbo
MOLASSES—793,150 gls, North American Trading & Import Co, Bannes
OIL, FUEL—70,000 bbls, Standard Oil Co, N J, Aruba
PETROLEUM, CRUDE—104,512 bbls, Standard Oil Co, N J, Las Piedras
QUEBRACHO EXTRACT—26,000 bgs, Buenos Aires
WAX, BEES—92 bgs, Rio Janeiro

Boston Imports

ASBESTOS—3,500 bgs, Johns Manville Corp, Lourenco Marques
OIL, COCONUT—1,322 tons, Philippine Refg Corp, Cebu

Los Angeles Imports

AGAR—1,130 lbs, Tokyo
200 lbs, Kobe
AMMONIA CARBONATE—120 pkgs, 26,400 lbs, Glasgow
ANTIMONY ORE—85,000 lbs, Iguala, Mex
APRICOT KERNELS—400 lbs, Hongkong
160 lbs, Hongkong
BALSAM—5 pkgs, 600 lbs, San Salvador
BLOOD MEAL—5,000 bgs, 492,000 lbs, Buenos Aires
CASTOR BEANS—800 bgs, 113,580 lbs, San Salvador
CHILLIES—200 bgs, 35,400 lbs, Ensenada
COALTAR, CRUDE—150 dms, 74,530 lbs, London
PRODUCT—1 lb, Yokohama
1 lb, Kobe
COCONUT, DESIC—770 pkgs, 80,820 lbs, Manila
COPRA MEAL—784,000 lbs, Manila
22,000 bgs, 2,200,000 lbs, Manila
6,740 bgs, 674,000 lbs, Manila
DRUGS—680 lbs, Hongkong
DYE, HAIR—500 lbs, Yokohama
FISH LIVERS—100 tins, 4,000 lbs, Japan
425 tins, 1,700 lbs, Yokohama
39 tins, 1,560 lbs, Japan
125 tins, 5,000 lbs, Tokyo
GINGER ROOT—500 lbs, Hongkong
GLASS, ROLLED—21,470 lbs, Glasgow
INK—30 lbs, Hongkong
INDIA—180 lbs, Kobe
INSECTICIDE—16,300 lbs, London
MEDICINAL PREP—2 lbs, Yokohama
10 lbs, Kobe
NUTMEGS—10,000 lbs, Grenada
OIL, OLIVE—50 dms, 21,610 lbs, Greece
46 dms, 19,480 lbs, Greece
PEANUT—2,520 lbs, Hongkong
SESAME—50 lbs, Hongkong
ORANGE PEEL—60 lbs, Hongkong
PALMKERNELS—2,500 lbs, Sydney
RICE FLOUR—400 lbs, Hongkong
SEAWEEDS—80 lbs, Kobe
90 lbs, Kobe
150 lbs, Kobe
SESAME SEED—140 lbs, Kobe
TANKAGE—8,057 bgs, 763,000 lbs, Buenos Aires
TAPIOCA FLOUR—8,650 lbs, Batavia
400 lbs, Hongkong
TIMBO ROOT—420 pkgs, 46,330 lbs, Para
WHEAT FLOUR—240 lbs, Hongkong

New Orleans Imports

COCONUTS—14 tons, Belize
GUM, CHICLE—75 tons, Belize

Norfolk Imports

BONE MEAL—2,226 bgs, Barber & Garratt, Buenos Aires
500 bgs, Ashcraft, Wilkinson Co, Buenos Aires
500 bgs, Barber & Gallatt, Buenos Aires
CHROME ORE—3,000 tons, E J Lavino & Co, Beira
TANKAGE—1,100 bgs, Buenos Aires
WATTLE BARK EXTRACT — 1,033 bgs, Tannin Corp, Durban

Philadelphia Imports

CASSIA—355 bls, Padang
COCOA BEANS—28,000 bgs, Philadelphia National Bank, Takoradi
8,000 bgs, Barclay's Bank, Takoradi
12,000 bgs, Superintendence Co, Takoradi
CORK, WASTE—3,950 bls, Armstrong Cork Co, Seville
WOOD—1,183 bls, Armstrong Cork Co, Seville
120 bls, Armstrong Cork Co, Seville
COTTONSEED MEAL—4,420 bgs, Buenos Aires
COCONUT, DESIC—300 cs, Manila
200 cs, Balfour, Guthrie Co, Manila
GUM COPAL—70 bgs, Guaranty Trust Co, Macassar
MACE—15 cs, Batavia
MANGANESE ORE—561,000 kilos, Tjilatajap
1,919 bgs, Philadelphia National Bank, Manila
MOLASSES—1,422,413 gls, Publicker Alcohol Corp, Manila
1,400,114 gls, Publicker Alcohol Corp, Preston
MYROBALANS, WHOLE—2,920 pkts, Guaranty Trust Co, Calcutta
PETROLEUM, CRUDE—76,000 bbls, Sinclair Navigation Co, Tuxpam
65,000 bbls, Atlantic Refining Co, Las Piedras
25,613 bbls, Gulf Oil Corp, Puerto la Cruz
80,476 bbls, Gulf Oil Corp, Puerto la Cruz
71,998 bbls, Gulf Oil Corp, Las Piedras
TAPIOCA FLOUR—500 bgs, Philadelphia National Bank, Batavia
500 bgs, New York Trust Co, Batavia
537 bgs, Irving Trust Co, Batavia
200 bgs, Chase National Bank, Batavia
250 bgs, Irving Trust Co, Batavia
500 bgs, Batavia
500 bgs, Philadelphia National Bank, Priok

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetics act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended May 7

Cassia oil, 50 drums; not U.S.P.
Cod oil, 200 packages; restricted use.
Eucalyptus oil, 40 drums; restricted use.
Medicinal preparations, 2 parcels; new drug.
Medicinal preparations, 200 bottles; false and misleading statements.
Medicinal preparations, 2 barrels; not properly labeled; no declaration of shipper.
Nutmegs, 400 bags; moldy and wormy.
Nutmegs, 566 bags; restricted use.
Sassafras oil, 25 drums; not U.S.P.

Boston

Week Ended May 7

Cocoa beans, 70 bags; water damaged.
Cod oil, 6,700 gallons; restricted use.
Cosmetics, 1 parcel; false and misleading statements; incorrect quantity of contents statement.
Medicinal preparation, 1 parcel; false and misleading statements; no quantity of contents statement.
Medicinal preparation, 300 boxes; false therapeutic claims.

Buffalo

Week Ended May 7

Medicinal preparation, 1 parcel; false therapeutic claims.

Los Angeles

Week Ended May 1

Fish livers, frozen, 334 cans; decomposed.
Medicinals, 872 pieces; false therapeutic claims.
Medicinals, 160 pieces; no warning statement.

Philadelphia

Week Ended May 7

Cocoa beans, 225 bags; water damaged.
Paprika, 86 bags; filthy; contains added oil.

San Francisco

Week Ended May 1

Apricot kernel powder, 3 cases; short weight; artificial flavor not declared.

Seattle

Week Ended May 1

Cassia rolls, 75 bales; decomposed.

Exports from U. S. Ports

Los Angeles Exports

ACID, ACETIC—200 lbs, Callao
BORIC—40 kgs, 4,480 lbs, Singapore; 490 pkgs, 60,450 lbs, Liverpool; 20 bgs, 2,200 lbs, Callao
CITRIC—6 kgs, 670 lbs, Port Spain
CRESYLIC—7,500 lbs, Manila
ALUM POTASH—330 lbs, Callao
ASBESTOS—801 bgs, 80,100 lbs, Yokohama
BORATE—10,682 bgs, 1,745,110 lbs, Liverpool; 60 bgs, 6,000 lbs, Amapala
BORAX—60 kgs, 6,720 lbs, Singapore; 6,460 bgs, 741,440 lbs, Liverpool; 295 bgs, 33,040 lbs, Rio de Janeiro; 98 bgs, 10,980 lbs, Santos
GLASS—10 cs, 1,000 lbs, Amapala
CALCIUM CHLORIDE—90 lbs, Manila
CARBON, ACTIVATED—2,000 lbs, Rio de Janeiro
CELLULOSE ACETATE SCRAP—5,450 lbs, Buenos Aires
CEMENT, RUBBER—90 lbs, Panama City
CHEMICAL, COMPOUND—2,250 lbs, Santos
PHOTO—1,250 lbs, Callao
REAGENT—30 lbs, Vancouver
CINNAMON—25 bls, 2,260 lbs, La Union, Salv
CLAY—50 bgs, 5,000 lbs, Salinas
DRILLING—100 bgs, 10,000 lbs, Talara
FILTERING—400 bgs, 18,000 lbs, Barranquilla; 200 bgs, 8,000 lbs, Vancouver; 1,234 bgs, 56,000 lbs, Buenos Aires
CLEANING COMP—2,720 lbs, Sao Paulo
DIATOMACEOUS EARTH—1,333 bgs, 134,460 lbs, Liverpool; 15 bgs, 1,500 lbs, Panama City; 1,000 bgs, 100,000 lbs, Salaverry; 374 pkgs, 51,550 lbs, Vancouver; 22 bgs, 2,230 lbs, Rio de Janeiro; 1,381 pkgs, 138,450 lbs, Buenos Aires
DRUG, PROPRIETORY—790 lbs, Tokyo
EPSOM SALT—22 bgs, 2,200 lbs, Cartagena; 60 bgs, 6,000 lbs, La Libertad; 40 bgs, 4,000 lbs, La Union, Salv
FILM SCRAP—13,150 lbs, Santos
GAS, OXYGEN—1,800 lbs, Albrook Field
GASOLINE—9,933 bbls, 2,592,510 lbs, Kawasaki; 149 dms, 49,070 lbs, Tegucigalpa; 700 dms, 234,900 lbs, Alto La Paz, Bol
GREASE—12 bbls, 2,150 lbs, Manila; 283 pkgs, 14,810 lbs, Singapore
CUP—237 bbls, 88,490 lbs, Vladivostok
INK, MARKING—10 lbs, Manila
LACQUER—420 lbs, Buenaventura
THINNER—640 lbs, Buenaventura
MAGNESIA, SILICATE—700 bgs, 56,000 lbs, Barranquilla
NAPHTHA—20 dms, 6,550 lbs, Vancouver
OIL, DIESEL—61,622 bbls, 20,520,130 lbs, Vladivostok; 1,388 bbls, 433,060 lbs, Puerto Armuelles
FLAKE—50 bgs, 10,000 lbs, Singapore
FUEL—20,809 bbls, 6,929,400 lbs, Manila; 49,996 bbls, 16,648,670 lbs, Ioco; 90,183 bbls, 30,030,940 lbs, Tocopilla; 7,458 bbls, 2,483,510 lbs, Vancouver
LINSEED—200 cs, 15,000 lbs, Manila
LUBRICATING—196 pkgs, 91,570 lbs, Manila; 752 pkgs, 52,380 lbs, Singapore
PALM, HYDROG—315 bgs, 50,400 lbs, Port au Prince, 78 bgs, 12,480 lbs, San Jose
TRANSFORMER—750 lbs, Calcutta
VEGETABLE FLAKE—500 bgs, 50,000 lbs, Manila
WHITE—770 lbs, Vancouver
ORANGE COMP—100 cs, 7,450 lbs, Edmonton
OXIDIZING AGENT—160 dms, 26,400 lbs, Rangoon
PAINT, ASPHALT—210 lbs, Albrook Field
MIXED—450 lbs, Maracaibo
PETROLEUM, CRUDE — 72,081 bbls, 22,489,270 lbs, Kawasaki; 75,790 bbls, 23,646,480 lbs, Ioco, B C
GAS, LIQ—18,140 lbs, Vancouver, 61,320 lbs, Rio de Janeiro; 58,980 lbs, Santos
PUMICE—1,400 lbs, Vancouver
QUICKSILVER—10 flks, 760 lbs, Lima
SOAP, COMPOUND LIQ—540 lbs, La Paz
FACIAL—20 lbs, Tokio
LAUNDRY—100 lbs, Tokio; 1,050 lbs, Manila
SODA, ASH — 40 bgs, 4,000 lbs, Leon, Nicaragua
BICARBONATE—40 bgs, 4,000 lbs, Leon, Nicaragua
CARBONATE—550 lbs, Callao
CYANIDE—15 bgs, 3,000 lbs, La Union, Salvador
PHOSPHATE, ANHYD—5,500 lbs, Manila
SILICATE—55 dms, 39,750 lbs, Cartagena
SULPHATE—3,500 lbs, Manila
SULPHITE—3,010 lbs, Callao
SULPHUR—44 bgs, 4,400 lbs, Barranquilla; 22 bgs, 2,200 lbs, Cartagena
TALC—5 bgs, 1,000 lbs, Cristobal; 400 bgs, 40,000 lbs, Barranquilla; 440 bgs, 22,000 lbs, Havana; 200 bgs, 10,000 lbs, Barranquilla; 300 bgs, 30,000 lbs, Cartagena; 110 bgs, 11,000 lbs, Lima; 100 bgs, 10,000 lbs, La Paz; 240 bgs, 12,000 lbs, Vancouver; 660 bgs, 30,000 lbs, Buenos Aires
TAR—103 ctns, 10,300 lbs, Albrook Field
TOILET PREPS—17,150 lbs, Panama City; 270 lbs, Curacao; 1,150 lbs, Santiago; 5,270 lbs, Lima; 12,420 lbs, Rio de Janeiro
TRIPOLI—300 lbs, Vancouver
WASHING COMP—250 lbs, Manila; 1,260 lbs, Vancouver
ZINC, DUST—1,000 lbs, Deuli Depot, Honduras
OXIDE PASTE—1,500 bskts, 150,000 lbs, Balboa
SHAVINGS — 1,800 lbs, Ciudad Bolivia; 2,000 lbs, Deuli Depot, Honduras

New Orleans Exports

ALUMINUM SULPHATE—15 tons, Barranquilla; 56 tons, West Coast South America
ASPHALT—67 tons, West Coast South America
CALCIUM CARBIDE—21 tons, Vera Cruz
CHEMICALS—11 tons, Vera Cruz
COTTON LINTERS—1 ton, Cristobal
FERTILIZER—11 tons, Cristobal
FIRECLAY—12 tons, Havana; 27 tons, Cristobal
GASOLINE—107 tons, Puerto Barrios; 21 tons, Bluefields
KEROSENE—10 tons, Puerto Barrios; 11 tons, Cristobal
LARD—145 tons, Havana; 89 tons, Cristobal; 111 tons, Santiago; 16 tons, West Coast South America; 46 tons, Vera Cruz
LIME, HYDRATED—178 tons, Puerto Barrios
OIL, COTTONSEED—61 tons, Cristobal
DIESEL—85 tons, Ceiba; 71 tons, Puerto Cabezas
FUEL—273 tons, Ceiba
LUBRICATING—19 tons, Havana; 10 tons, Cristobal; 13 tons, Belize
PARAFFIN—157 tons, Cristobal
ROSIN—83 tons, Barranquilla; 126 tons, West Coast South America
SALT—123 tons, Havana; 98 tons, Belize
SULPHUR—26 tons, Vera Cruz
TURPENTINE—24 tons, Havana; 12 tons, West Coast South America
WAX—57 tons, West Coast South America; 141 tons, Vera Cruz

Philadelphia Exports

DYEWOOD EXTRACT—27 dms, 54 cs, Vigo
OIL, LUBRICATING—1,649 wooden bbls, Santander

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—59,700 bbls, Seattle; 2,152 bbls, San Diego; 366 bbls, San Diego; 2,821 bbls, San Diego; 14,472 bbls, San Diego; 2,888 bbls, San Diego; 3,104 bbls, San Diego; 71,905 bbls, Portland; 18,884 bbls, Oleum; 62,027 bbls, Seattle; 31,791 bbls, Richmond
OIL, DIESEL—16,100 bbls, Seattle; 1,459 bbls, San Diego; 1,339 bbls, San Diego; 4,392 bbls, San Diego; 4,358 bbls, San Diego; 8,910 bbls, Portland; 5,002 bbls, Richmond
FUEL—69,985 bbls, Avon; 2,399 bbls, Portland; 74,025 bbls, Richmond; 13,118 bbls, San Diego; 33,762 bbls, Oleum; 8,573 bbls, Seattle
FURNACE—2,637 bbls, Portland; 7,100 bbls, Seattle

Foreign Trade Rules

Information recently published by the Department of Commerce in foreign tariff and related trade regulations include the following:—

Carbon Black:—United Kingdom has revoked the open general license permitting the importation of carbon black from natural gas or acetylene from any country. Individual import licenses will not, however, be required for consignments of carbon black from natural gas or acetylene which can be shown to the satisfaction of the Commissioners of Customs and Excise to have been dispatched to the United Kingdom before March 13, 1941, and which are imported before May 13, 1941.

Celluloid:—Mexican import duties have been increased and new tariff classifications set for non-specified manufactures of casein, celluloid and similar plastics.

Cork:—Egypt prohibits the exportation of cork from Egypt.

Foreign Trade Zone Board Headed by Le Boutillier

Philip Le Boutillier, president of the National Council of American Importers, has been named chairman of Mayor LaGuardia's advisory board on the foreign trade zone at Staten Island. Fred L. Kramer, of the New York Customs Brokers Association, was named vice-chairman.

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Agencies Wanted

LONG ESTABLISHED Cincinnati firm selling the paint, ink, rubber, paper and other industries in part of Ohio and Louisville, Kentucky, desires additional selling connections with actual producers. BOX 174, Oil, Paint and Drug Reporter.

RIBOFLAVIN-nicotinic acid or similar items for food fortification. Midwestern commission arrangement desired with manufacturer in a good competitive position. Pharmaceutical items, yeast also interesting. BOX 187, Oil, Paint and Drug Reporter.

REPUTABLE, INTERNATIONALLY known firm wishes to obtain manufacturing and selling concession for Italy from reliable American manufacturer of medicinal, biological, or synthetic preparations. BOX 188, Oil, Paint and Drug Reporter.

SALES AGENCY in metropolitan New York with a 25-year background requires additional production on fine and pharmaceutical chemicals, paraffin and other waxes. References exchanged. BOX 195, Oil, Paint and Drug Reporter.

Agents Wanted

AGENTS or distributors visiting arc welding industry requested to apply with references for sale of specialty consumed in large quantities. BOX 182, Oil, Paint and Drug Reporter.

MANUFACTURER'S REPRESENTATIVE wanted with proven contacts in cosmetic and drug industries for metropolitan New York area, who is in a position to represent and develop beeswax line for an old established house. Splendid connection for an energetic and constructive man. Character references and proof of ability necessary. Box 192, Oil, Paint and Drug Reporter.

Capital Offered

GENTILE, will invest a few thousand dollars actively or inactively, in an established earning business preferably: wholesale chemicals, fertilizer materials, or allied line, New York, Philadelphia, or Baltimore. BOX 190, Oil, Paint and Drug Reporter.

Equipment Offered

FILTER BAGS—We make up all sizes, types and materials of filter bags or small canvas articles for the paint and chemical trades. Large production and quick delivery. Send us your samples for quotation. BOX 138, Oil, Paint and Drug Reporter.

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

SPECIALS: Ten ball and pebble mills, lab. to 700 gals.; three 12 in. x 32 in. 5 roller mills, motor driven; Pony mixers, lab. to 40 gals.; stone mills, lab. to 36 in., with iron mill feeds; Day jumbo 700 gal. jacketed mixer; four 40 in., 48 in. and 60 in. Tolhurst centrifugals, steel and rubber lined; thirty filter presses, 12 in. to 36 in., iron, wood and bronze; powder mixers, 100 to 1,000 lbs.; three Sweetland filters, No. 5, No. 7, No. 10; copper and aluminum kettles, 10 to 250 gals.; ten dryers, vacuum shelf, rotary, etc. Send for complete bulletins. Brill Equipment Corporation, 183 Varick street, New York City

JAR MILLS, one and four gallon; pebble mills, 50 and 10 gallons; 3 ft. by 18 ft. rotary dryer; 50-gallon dough mixer; 18 in. mushroom mill; 300 gal. rubber lined vacuum kettle. Lawler Company, Metuchen, N. J.

FOR IMMEDIATE delivery: Mikro pulverizer 30 HP motor; Lancaster 44 in. mixer; Abbe jar mills, single and multiple jars; 36 in. Burkhard copper coating pan; Abbe Blutergess sifter; W & P 9 gal. bronze mixer; aluminum kettles; Pfaudler jacketed glass lined mixing tanks; Day sifters and mixers; Hammer mills; American powder filling machine; Stokes rotary D and B tablet machines. What have you for sale? Machinery & Equipment Corp., 59 E. 4th street, New York City.

Equipment Wanted

WANTED—Our expansion program requires additional equipment. We need iron and wood filter presses, jacketed kettles, mixer, pulverizer, dryer, etc. No dealers. Send your offerings to BOX 176, Oil, Paint and Drug Reporter.

WANTED: Chlorine plant equipment or complete plant. BOX 193, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY, one story, 50x200 ft. concrete floor, 20 ft. headroom, loading platform, no columns, steam, excellent light, railroad siding yard (formerly chemical plant), near Elizabeth, New Jersey. The R. L. Kraft Company, Woolworth Building. Cortlandt 7-9377.

Materials Wanted

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

Positions Vacant

PRODUCTION MAN wanted, experienced in the manufacture of alkaloids, such as emetine, etc., or will consider purchase of working methods for production of same. BOX 173, Oil, Paint and Drug Reporter.

INK MAN with experience in color matching, formulation and all round work in small ink plant; opportunity for advancement; give age, experience and marital status; location in the East. BOX 194, Oil, Paint and Drug Reporter.

ESTABLISHED FIRM marketing earth pigments, mineral fillers and chemical specialties has opening for experienced salesman with successful sales record in these lines in Eastern territory. Excellent opportunity for applicant who can qualify. BOX 196, Oil, Paint and Drug Reporter.

Positions Wanted

ALL 'ROUND SHADER in paints, enamels and synthetics; very good production and mill man. Would like to locate in Chicago or vicinity of the middle West. Will locate any place with a reliable firm. Make an offer. BOX 170, Oil, Paint and Drug Reporter.

FORMULATOR, technical school graduate, 20 years diversified experience in formulation, plant management and sales service. Desires position with firm offering opportunity for advancement. Will consider inside or sales position. BOX 185, Oil, Paint and Drug Reporter.

Positions Wanted

MAN SKILLED in handling volume sales to chemical buyers wants to get down to serious work on June 1st. Considerable experience food fortification field. Wide acquaintance among midwestern feed, flour and pharmaceutical manufacturers. Has dozens of sharp shooting opportunities. Sound connection desired. Just over draft age—not now an employee. BOX 186, Oil, Paint and Drug Reporter.

POSITION WANTED by man with chemical background and broad technical and sales experience. Especially qualified for technical sales work. Open for any position in keeping with qualifications. Location New York. BOX 189, Oil, Paint and Drug Reporter.

SALESMAN with fine record in pharmaceuticals, biologicals and fine chemicals desires connection with first class firm. Executive ability. Highest type references. BOX 191, Oil, Paint and Drug Reporter.

Processes Wanted

WANTED—PROCESS for manufacturing heliotropine on a commercial basis. BOX 181, Oil, Paint and Drug Reporter.

Services Offered

DRAFTING SERVICE—Let us do your detailing or plant layout. Special designs of stills and fractionators and recovery systems for oils and chemicals. Special units or complete plants. Prompt service. American Petroleum Engineers, 155 E. 44th street, New York City. Phone MUrray Hill 2-5438.

CHEMIST and chemical engineers—If you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, Room 811, 60 East 42nd street, New York City.

Surplus Stock

HIGHER MARKETS—Sell now. Wanted—Surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Coaltar Chemicals Producer

Seeks man with ideas for production and sale of specialties or derivatives from Benzol, Toluol, Xylol, Solvent Naphtha, Crude Tar, etc. Excellent opportunity for individual of merit. Present complete information in first letter. Reply to Box 225, Oil, Paint and Drug Reporter.

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7—3-roll Roller Mills, up to 16 by 40.
1—6' underdriven Putty Chaser, double rollers.
12—Ball Mills, 10 gal. to 500 gal.
1—Oliver 8 ft. x 12 ft. Rotary Continuous acid proof Filter.
2—Dopp Jacketed Kettles—500, 650 gals.; other smaller sizes.
1—No. 10 Sweetland Filter, 2" cc.; others all sizes.
14—Centrifugal Extractors, 16" to 60".
1—Louisville 4 ft. 6 in. by 20 ft. Steam Tube Dryer.

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New Copra Plant Nears Completion in Vancouver

A new copra plant at Vancouver will soon be in production and will assure considerable additional supplies of cocoanut oil for the Canadian market. According to report, this new company plans to bring in about 2,000 tons of copra a month from the South Sea Islands for the manufacture of oil, to be used in the production of soap, for processing into cattle feed and, if conditions warrant, for the production of edible oils. In February, 1941, the company asked permission under the Navigable Waters Protection Act to build a copra processing plant on Burrard Inlet in the New Westminster district.

Indiana Gross Income Tax Upheld by High Court

The Supreme Court of the United States today upheld the constitutionality of the gross income tax law of the State of Indiana as it is applied to resident corporations soliciting orders in other States. The decision reversed the Federal district court and circuit court of appeals, which had held the State was without authority to assess and collect the tax because the income resulted from commerce between the States.

Drug Chain Stores Sales Up

Chain drug store sales were about 9 percent larger in March than in February, according to a statement of the Bureau of Foreign and Domestic Commerce based on reports from a sample group of more than 2,000 stores in the trade. After allowance is made for the difference in the number of days in the respective months, it appears that the volume of sales on a daily average basis was slightly lower in March than in February, there being three more days in March than in February this year.

Soil and water conservation resources is the chief topic discussed in thirty-five new publications issued during April by the U. S. Department of Agriculture.

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